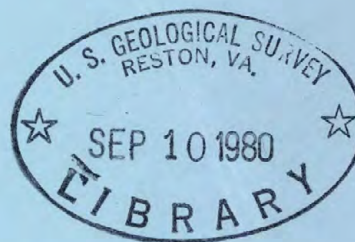


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# Water Resources Data for Florida

Volume 3B. Southwest Florida Ground Water



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT FL-79-3B  
WATER YEAR 1979

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





# Water Resources Data for Florida

Volume 3B. Southwest Florida Ground Water

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT FL-79-3B

WATER YEAR 1979

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



UNITED STATES DEPARTMENT OF THE INTERIOR

CECIL D. ANDRUS, Secretary

GEOLOGICAL SURVEY

H. William Menard, Director

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

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## 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 C. S. Conover, District Chief, R. L. Knutilla, Chief, Southwest Florida Subdistrict Office, J. M. Kimrey, Chief, East-Central Florida Subdistrict, and R. J. Dingman, Regional Hydrologist, Southeastern Region.

This report is one of a series issued state by state under the general direction of J. S. Cragwall, Jr., 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



<b>REPORT DOCUMENTATION PAGE</b>	<b>1. REPORT NO.</b> USGS/WRD/HD-80/046	<b>2.</b>	<b>3. Recipient's Accession No.</b>
<b>4. Title and Subtitle</b> Water Resources Data for Florida, Water Year 1978 Volume 3b: Southwest Florida - Ground Water		<b>5. Report Date</b> June 1980	
<b>7. Author(s)</b>		<b>6.</b>	
<b>9. Performing Organization Name and Address</b> U.S. Geological Survey Water Resources Division 325 John Knox Road, Suite F-240 Tallahassee, FL 32303		<b>8. Performing Organization Rept. No.</b> USGS-WDR-FL-79-3B	
<b>12. Sponsoring Organization Name and Address</b> U.S. Geological Survey Water Resources Division 325 John Knox Road, Suite F-240 Tallahassee, FL 32303		<b>10. Project/Task/Work Unit No.</b>	
		<b>11. Contract(C) or Grant(G) No.</b> (C) (G)	
		<b>13. Type of Report &amp; Period Covered</b> Annual - Oct 1, 1978 to Sep 30, 1979	
<b>15. Supplementary Notes</b> Prepared in cooperation with the State of Florida and other agencies.		<b>14.</b>	
<b>16. Abstract (Limit: 200 words)</b>  Water resources data for the 1979 water year in Florida consists of continuous or daily discharge for 272 streams, periodic discharge for 86 streams, continuous or daily stage for 90 streams, periodic stage for 62 streams, peak discharge for 73 streams and peak stage for 14 streams; continuous or daily elevations for 122 lakes, periodic elevations for 106 lakes; continuous ground water levels for 504 wells and periodic ground water levels for 3528 wells; quality of water data for 359 surface water sites and 923 wells.  The data for Southwest Florida includes continuous or daily discharge for 68 streams, periodic discharge for 35 streams, peak discharge for 15 streams, continuous or daily stage for 21 streams and periodic stage for 23 streams; continuous elevations for 71 lakes and periodic elevations for 42 lakes; continuous ground water levels for 232 wells and periodic ground water levels for 1370 wells; quality of water for 111 surface water sites and for 242 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.			
<b>17. Document Analysis a. Descriptors</b>  *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>b. Identifiers/Open-Ended Terms</b>          <b>c. COSATI Field/Group</b>			
<b>18. Availability Statement</b> No restriction on distribution. This report may be purchased from: National Technical Information Center, Springfield, VA 22161		<b>19. Security Class (This Report)</b> UNCLASSIFIED	<b>21. No. of Pages</b> 524
		<b>20. Security Class (This Page)</b> UNCLASSIFIED	<b>22. Price</b>



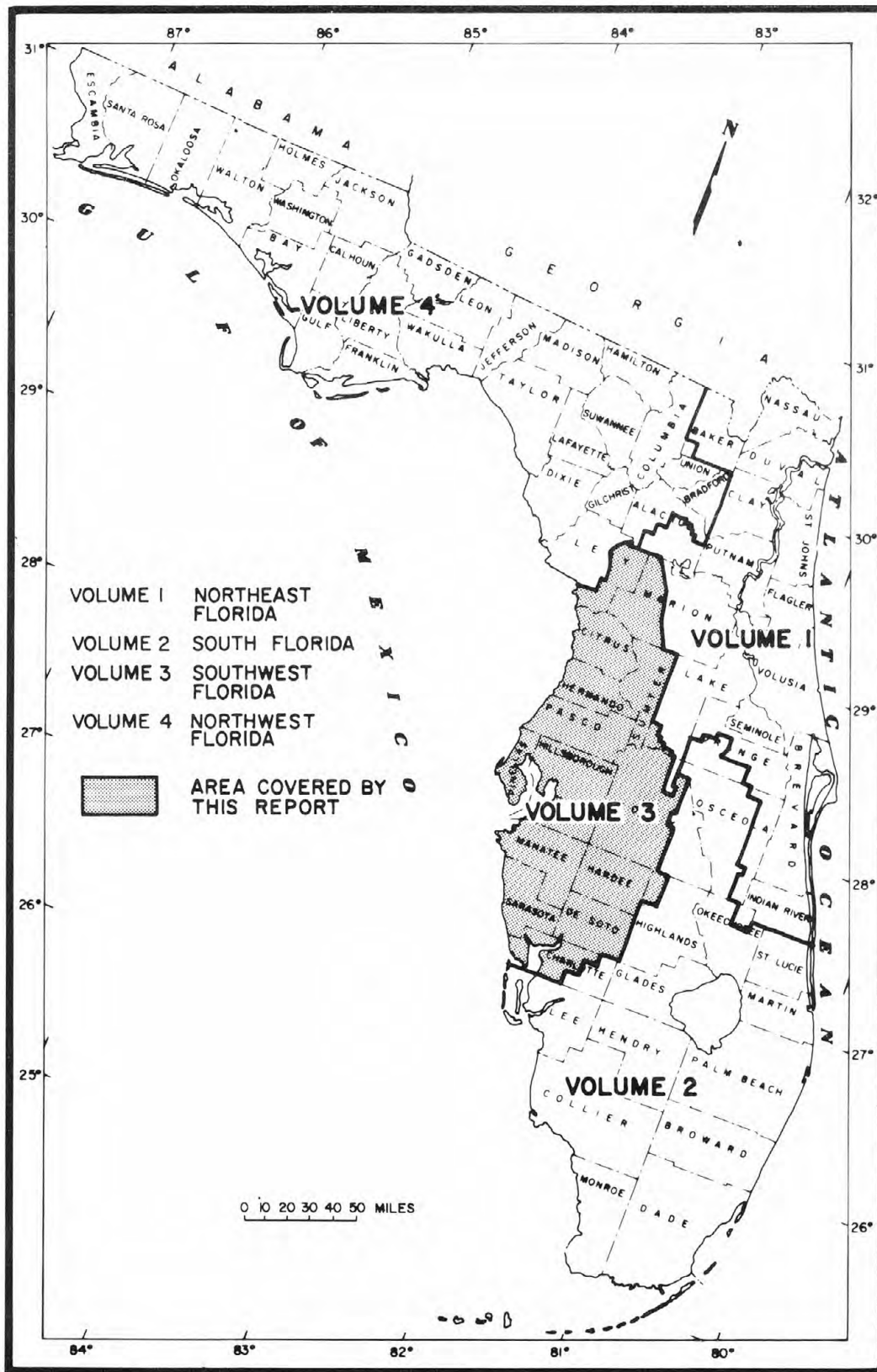


Figure 1. Geographic area covered by this report.





WATER RESOURCES DATA FOR FLORIDA, 1979  
Volume 3B: Southwest Florida

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## INTRODUCTION

Water resources data for the 1979 water year for southwest 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-79-3B". 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 (518) 472-2457.

## 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:

Florida Department of Environmental Regulation	County of Sumter
Florida Department of Transportation	City of Bradenton
South Florida Water Management District	City of Clearwater
Southwest Florida Water Management District	Englewood Water District
County of Hillsborough	City of Sarasota
County of Manatee	City of St. Petersburg
County of Pinellas	City of Tampa
County of Sarasota	Corps of Engineers, U.S. Army

## ACKNOWLEDGMENT

The water resources data for southwest Florida were processed and prepared for publication under the supervision of James D. Simmons, Chief, Hydrologic Records Section, Tallahassee, Florida, by Donald W. Foote, Karen A. Moore, Martha Thagard, Linda Geiger and Jill Williams. The data were collected, computed and processed by other personnel as follows:

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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  $\pm$  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  $\pm$  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  $\pm$  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/m<sup>3</sup> (grams per cubic meter), and periphyton and benthic organisms in g/m<sup>2</sup> (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 (cfs) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to 7.48 gallons per second or 448.8 gallons per minute.

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. ISD-W (1971) sets 0.2 mg/L as the highest desirable level and 1.0 mg/L as the maximum permissible level.

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  $\mu$ m 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 (ug/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 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 ( $m^2$ ), 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 25C. 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 ug 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 ug 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.





## 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.

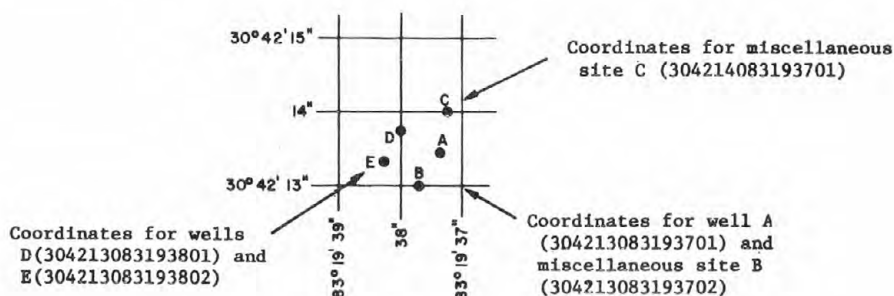


Figure 3. System for numbering wells and miscellaneous sites.  
(latitude and longitude)

## 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 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, (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.
Bicarbonate (HCO <sub>3</sub> ) and Carbonate (CO <sub>3</sub> )	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.

Table 1 (con't.)

Constituent or property	Source or cause	Significance
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, (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.	Cause 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. National Secondary Drinking Water Regulations (1977) recommend 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, (1975), limit the maximum 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 (Bear, 1955). 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 Regulations (1977) proposes a limit of 15 Pt-Co 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 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 (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 dissolved from weathering of rocks and soils.	<p>The National Secondary Drinking Water Regulations (1977) recommend 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):</p> <table><tr><th>Dissolved solids (mg/L)</th><th>Degree of salinity</th></tr><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></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.
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.											
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. (Maier, 1950).										
Hardness (as CaCO3)	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. Waters of hardness up to 60 mg/L are considered soft; 61 to 120 mg/L, moderately hard; 121 to 200 mg/L, hard; more than 200 mg/L, very hard.										

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.	The National Secondary Drinking Water Regulations (1977) recommends a limit of 300 ug/d. 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. USPHS drinking water standards state that for esthetic reasons iron and manganese should not exceed 300 ug/L. Larger quantities cause unpleasant taste and favor growth of iron bacteria.
Lead (Pb)	<p>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).</p> <p>Lead in the form of sulfate is reported to be soluble in water to the extent of 31 mg/L (Seidell, 1940) at 25°C. 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.</p>	National Interim Primary Drinking Water Regulations, (1975), 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 (1977) proposes that manganese should not exceed 0.3 mg/L.
Nickel (Ni)	Chiefly from metalplating 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).
Ammonia Nitrogen (N)	Includes nitrogen in the form of NH <sub>3</sub> and NH <sub>4</sub> <sup>+</sup> . 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). Ammonium salts are destructive to concrete made from portland cement.



Table 1 (con't)

Constituent or property	Source or cause	Significance
Organic Nitrogen (N)	Amino acids, proteins, and polypeptides. Derived from living organisms and their life processes and from wastes and sewage.	Sometimes indicates pollution. Increases nutrient content of water through decomposition and formation of other nitrogen forms.
Nitrate Nitrogen (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 (1975) have established a 10 mg/L maximum contamination level for Nitrate Nitrogen. There is evidence that 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.
Nitrite Nitrogen (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.
Total Kjeldahl Nitrogen (N)	Includes ammonia nitrogen and organic nitrogen.	See organic and ammonia nitrogen.
Total nitrogen (N)	All forms of nitrogen - inorganic and organic.	See ammonia nitrogen, nitrite, nitrate, and organic.
Hydrogen ion concentration and pH	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 <sub>2</sub> and CO <sub>2</sub> 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 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. Corrosiveness of water generally increases with decreasing pH. However excessively alkaline waters may also attack metals. A pH range of 6.5-8.5 is recommended in the National Secondary Drinking Water Regulations (1977).
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. Radioactive isotopes of strontium, as from nuclear bomb fallout, can be harmful. These isotopes can be detected by radiometric measurements.
Sulfate (SO <sub>4</sub> )	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) recommend that the sulfate content should not exceed 250 mg/L.

Table 1 (con't)

Constituent or property	Source or cause	Significance
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 (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 havin 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.	Small amounts are 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. The National Secondary Drinking Water Regulations (1977) standards 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 southwest Florida varied from 5 inches below normal to 21 inches above normal during the 1979 water year, October 1978 to September 1979. The rainfall varied from 2 inches below to 3 inches above normal from October to April but was 2 to 15 inches above normal in May due to heavy rain. The summer rains did not begin until August so rainfall was deficient in the months of June and July but varied from 5 to 8 inches above normal for August and September. Rainfall associated with the two hurricanes passing near to Florida brought the total in September to more than 12 inches, or about 6 inches above normal. The rainfall during the year averaged about 6 inches above normal. Total rainfall for the year was about 15 to 21 inches above normal at Arcadia, Tampa and Lakeland, about 1 to 5 inches below normal at Bradenton, Bushnell, and Inverness.

Streamflow during the 1979 water year ranged from 26 to 112 percent of normal. In the Peace River basin, it was 16 to 30 percent of normal October through December, and in April, and July, 50 to 75 percent February, March, June, and August; 135 to 150 percent January and September; while May was 315 percent above normal; and averaged about 75 percent of normal for the year. For the Hillsborough River basin, streamflow was 27 percent of normal for October, 40 to 50 percent November, April, June and July; 80 to 130 percent January through March and August; 255 to 310 percent for May and September; and approximated the long-term normal for the year. Streamflow for Withlacoochee River near Eva was above normal only in May and September and the mean for the water year was about 70 percent of the long-term average. Flow of the Withlacoochee River at Holder was above normal only in May and June, but was still increasing at the end of September. The yearly mean was about 60 percent of the long-term average flow.

Lake elevations were generally about normal for the year. Lake Howard, in the upper Peace River basin, ranged from 0.6 feet below to 1.0 feet above normal and Lake Carroll in the Hillsborough River basin was 1.8 feet below to 1.6 feet above normal. Heavy rain showers during August and September caused lake levels in northwest Hillsborough County to reach 1.0 to 2.1 feet above normal which caused flooding of low-lying areas. Clear Lake, in the Withlacoochee River basin, was about 1.0 foot below average from October through April, near average May through August, and 1.0 foot above average in September. Lake Juliana began the water year nearly 1.5 feet below average and slowly climbed to 1.1 feet above average in September. Lake Rousseau, a regulated lake, was above average all year.

The rainfall which occurred unevenly throughout southwest Florida affected both the potentiometric surface of the Floridan aquifer and water levels in the surficial aquifer. Floridan aquifer water levels in De Soto, Hillsborough, Hardee, Hernando, Pasco, and Polk counties ranged from 1.8 feet lower to 11.5 feet higher than that of May 1978. In September, the water levels ranged from 0.8 feet lower to 6.2 feet higher than that of September 1978. Water levels for the 1979 water year averaged about 2.8 feet higher than the 1978 water year.

The flow of Lithia Springs in Hillsborough County was about equal to the long-term average and the flow of Weeki Wachee Springs in Hernando County was about 90 percent of the long-term average.

## 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. Ficke, 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 Book 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. Greenson, 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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- U.S. Environmental Protection Agency, 1975, National interim primary drinking water regulations: Federal Register, v. 40, no. 51, March 14, p. 11990-11998.
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## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

WATER RESOURCES DATA FOR FLORIDA, 1979  
VOLUME 3B: SOUTHWEST FLORIDA

KEY TO SITE LOCATIONS ON FIGURE 4  
CHARLOTTE COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	265138082002201	24
2	265646081554501	25
2	265646081554502	25
3	265837081561101	26
4	265920082045601	26
5	270133082034601	27
5	270133082034602	27
6	270152082002801	28
6	270152082002802	28
6	270152082002803	29
6	270152082002804	29



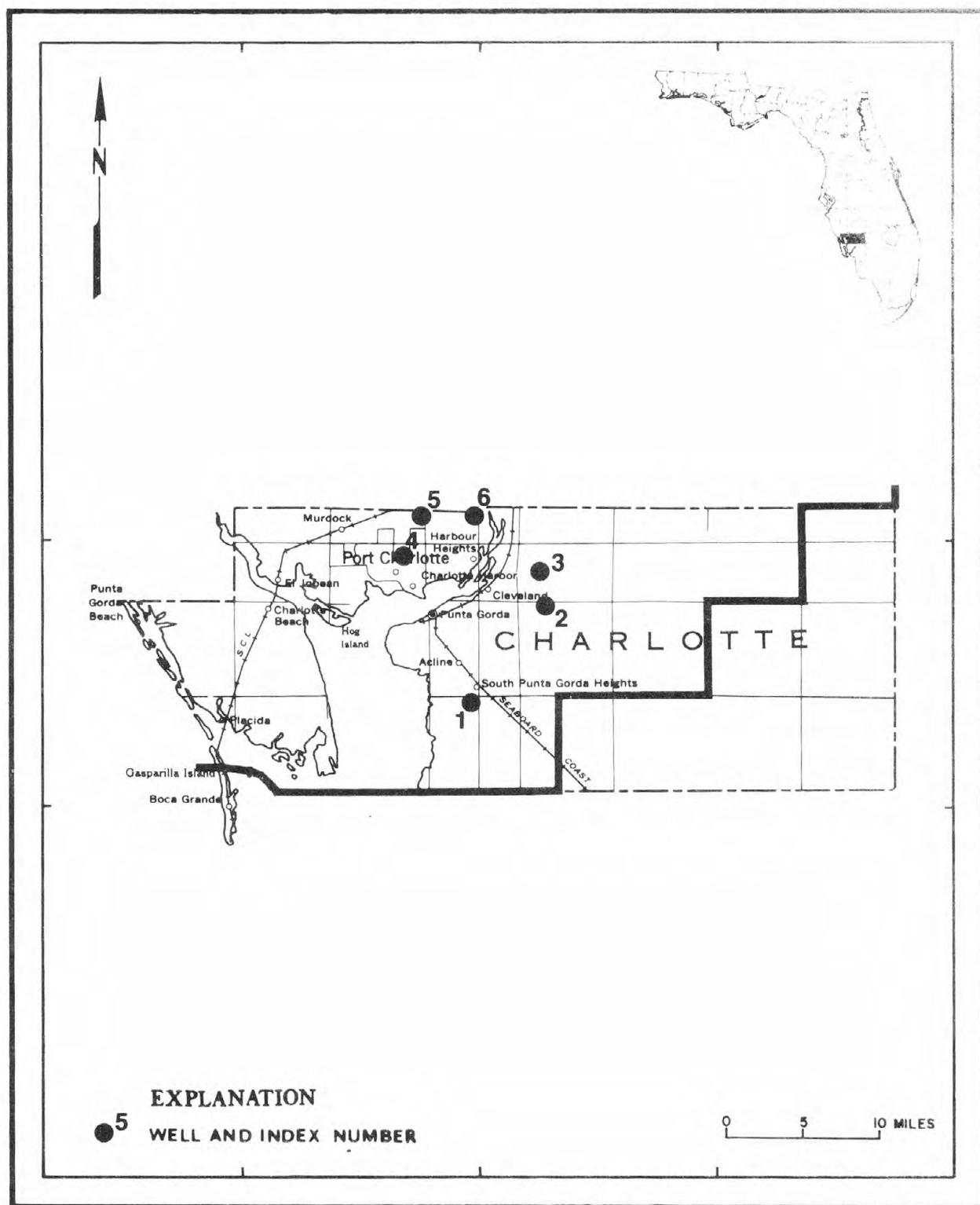


Figure 4. Location of wells in Charlotte County

## CHARLOTTE COUNTY

WELL NUMBER.--265138082002201. Punta Gorda Heights Well near Punta Gorda, FL.

LOCATION.--Lat 26°51'38", long 82°00'22", in SW¼SW¼ sec.34, T.41 S., R.23 E., Hydrologic Unit 03100103, 1.5 mi (2.4 km) west of U. S. Highway 41, and 4.0 mi (6.4 km) southeast of Punta Gorda.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 125 ft (38 m), cased to 84 ft (25 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 1.63 ft (0.50 m) above land-surface datum. Prior to Mar. 1, 1976, top of recorder shelter floor, 1.70 ft (0.52 m) above land-surface datum.

DATUM.--Land-surface datum is 21.41 ft (6.53 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby well. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--April 1967 to current year, incomplete. 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, 14.28 ft (4.35 m) NGVD, Oct. 31, 1967; lowest, 8.46 ft (2.58 m) below NGVD, Jan. 20, 1971.

ELEVATION\* IN 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	11.75	2.92	8.88	10.13	11.92	8.58	5.02	6.85	8.54	-0.50	4.02	11.63
10	8.31	7.58	9.83	10.68	11.84	10.62	3.87	7.58	7.16	3.23	6.66	11.75
15	4.60	9.35	8.01	11.28	11.73	11.09	-1.90	8.91	5.67	2.65	7.20	12.32
20	4.12	10.07	2.37	11.60	10.53	10.15	-0.66	10.25	5.21	7.59	7.55	12.30
25	1.00	3.00	4.30	11.77	8.33	7.58	4.53	10.67	3.45	9.17	10.06	12.54
EOM	4.39	5.70	8.85	12.01	10.18	6.24	6.04	9.22	.62	8.70	11.27	12.71
MEAN	5.88	6.10	6.76	11.10	11.03	9.34	2.94	8.88	5.49	4.78	7.35	12.14
MAX	11.77	10.07	10.16	12.01	11.95	11.16	6.39	10.73	9.13	9.73	11.27	12.71
MIN	.09	2.42	1.29	9.22	8.33	6.24	-1.90	6.46	.62	-2.02	2.95	11.38
WTR YR 1979 MEAN	7.63		MAX	12.71 SEP 30	MIN	-2.02 JUL 6						

## CHARLOTTE COUNTY

WELL NUMBER.--265646081554501. State Highway 74 Deep Well near Punta Gorda, FL.

LOCATION.--Lat 26°56'46", long 81°55'45", in NW¼NE¼ sec.5, T.41 S., R.24 E., Hydrologic Unit 03100101, on south side of State Highway 74, 5.4 mi (8.7 km) east of junction U. S. Highway 17 and State Highway 74, and 7.6 mi (12.2 km) east of Punta Gorda.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 280 ft (85 m), cased to 194 ft (59 m).

INSTRUMENTATION.--Pressure gage or tape measured. Measuring point: Top of coupling, 2.8 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 19 ft (5.8 m), from topographic map.

PERIOD OF RECORD.--November 1968 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, 29.00 ft (8.84 m) NGVD, Jan. 10, 1969; lowest measured, 20.00 ft (6.10 m) NGVD, May 13, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			JUN , 1979		
29...	1440	22.65	07...	0820	23.37
JAN , 1979			AUG		
31...	1520	24.69	01...	1428	23.05
APR			SEP		
04...	1324	23.22	17...	1830	23.88
MAY					
14...	1659	22.75			

WELL NUMBER.--265646081554502. State Highway 74 Shallow Well near Punta Gorda, FL.

LOCATION.--Lat 26°56'46", long 81°55'45", in NW¼NE¼ sec.5, T.41 S., R.24 E., Hydrologic Unit 03100101, on south side of State Highway 74, 5.4 mi (8.7 km) east of junction U. S. Highway 17 and State Highway 74, and 7.6 mi (12.2 km) east of Punta Gorda.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 25 ft (8 m), cased to 21 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 2.3 ft (0.7 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 19 ft (5.8 m), from topographic map. Prior to Oct. 1, 1976, land-surface datum was considered to be 23 ft (7.0 m), from topographic map. See PERIOD OF RECORD.

PERIOD OF RECORD.--July 1969 to current year (bimonthly). Records of water levels prior to January 1974 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1976, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -4.00 ft (1.22 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.40 ft (5.30 m) NGVD, Sept. 17, 1979; lowest measured, 11.10 ft (3.38 m) NGVD, Apr. 27, 1971.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			JUN , 1979		
29...	1445	14.95	07...	0820	14.84
JAN , 1979			AUG		
31...	1525	16.75	01...	1425	15.70
APR			SEP		
04...	1319	15.19	17...	1830	17.40
MAY					
14...	1655	15.26			

## CHARLOTTE COUNTY

WELL NUMBER.--265837081561101. Shell Creek Benchmark Well near Punta Gorda, FL.

LOCATION.--Lat 26°58'37", long 81°56'11", in SE¼SW¼ sec.20, T.40 S., T.24 E., Hydrologic Unit 03100101, 370 ft (110 m) north of State Highway 764, and 8.0 mi (12.9 km) east of Punta Gorda.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 335 ft (102 m), cased to 220 ft (67 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 0.50 ft (0.15 m) above land-surface datum.

DATUM.--Land-surface datum is 13.30 ft (4.05 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1976 to current year (monthly). Records prior to October 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 43.14 ft (13.15 m) NGVD, Sept. 6, 1978; lowest measured, 33.44 ft (10.19 m) NGVD, Feb. 12, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV . 1978			JUN . 1979		
30... 1215		40.50	06... 0825		40.13
NOV			JUL		
30... 0700		38.75	02... 1325		39.90
DEC . 1978			AUG		
01... 1040		37.52	02... 0720		40.37
27... 1515		38.06	SEP		
APR			05... 1515		38.29
09... 1304		38.98	17... 1855		41.98
MAY					
14... 1720		40.13			

WELL NUMBER.--265920082045601. Port Charlotte Utility Deep Well at Port Charlotte, FL.

LOCATION.--Lat 26°59'20", long 82°04'56", in SE¼SW¼ sec.14, T.40 S., R.22 E., Hydrologic Unit 03100101, between 709 and 727 Sistina Street at Port Charlotte Golf Course, and 1.0 mi (1.6 km) north of U. S. Highway 41 in Port Charlotte.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 156 ft (48 m), cased to 128 ft (39 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of concrete slab at land-surface datum.

DATUM.--Altitude of land-surface datum is 14 ft (4.3 m), from topographic map.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--January 1967 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, 13.40 ft (4.08 m) NGVD, July 9, 1968; lowest measured, 25.79 ft (7.86 m) below NGVD, Nov. 7, 1972.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV . 1978			JUN . 1979		
29... 1115		9.32	06... 1415		10.77
JAN . 1979			AUG		
31... 1420		12.07	01... 1640		9.00
APR			SEP		
05... 0745		7.63	17... 1750		12.54
MAY					
14... 1448		10.92			



## CHARLOTTE COUNTY

WELL NUMBER.--270133082034601. Port Charlotte Deep Well at Port Charlotte, FL.

LOCATION.--Lat 27°01'33", long 82°03'46", in SW¼NE¼ sec.1, T.40 S., R.22 E., Hydrologic Unit 03100101, 200 ft (60 m) north of intersection Hammond and Zenith Streets, and 4.5 mi (7.2 km) northeast of junction U. S. Highway 41 and Kessler Street in Port Charlotte.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 350 ft (107 m), cased to 312 ft (95 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of coupling, 4.0 ft (1.2 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 25 ft (7.6 m), from topographic map.

PERIOD OF RECORD.--February 1966 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, 51.20 ft (15.61 m) NGVD, Jan. 27, 1967; lowest measured, 43.55 ft (13.27 m) NGVD, May 10, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
DEC , 1978			JUN , 1979		
06...	0750	47.94	06...	1400	47.48
JAN , 1979			AUG		
31...	1340	48.40	01...	1705	48.17
APR			SEP		
09...	1020	46.32	17...	1730	48.64
MAY					
14...	1435	45.17			

WELL NUMBER.--270133082034602. Port Charlotte Shallow Well at Port Charlotte, FL.

LOCATION.--Lat 27°01'33", long 82°03'46", in SW¼NE¼ sec.1, T.40 S., R.22 E., Hydrologic Unit 03100101, 200 ft (60 m) north of intersection of Hammond and Zenith Streets, and 4.5 mi (7.2 km) northeast of junction U. S. Highway 41 and Kessler Street in Port Charlotte.

AQUIFER.--Non-artesian sand aquifer of the Tertiary System, Geologic Unit 120 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 89 ft (27 m), cased to 84 ft (26 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of coupling, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 25 ft (7.6 m), from topographic map.

PERIOD OF RECORD.--February 1966 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, 23.53 ft (7.17 m) NGVD, Nov. 6, 1967; lowest measured, 17.24 ft (5.25 m) NGVD, May 12, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
29...	0750	18.79	14...	1430	18.73
DEC			JUN		
06...	0735	19.07	06...	1400	20.00
JAN , 1979			AUG		
31...	1325	20.61	01...	1700	19.02
APR			SEP		
05...	0730	19.19	17...	1730	20.77

## CHARLOTTE COUNTY

WELL NUMBER.--270152082002801. Deep Creek Well Number 917 near Port Charlotte, FL.

LOCATION.--Lat 27°01'52", long 82°00'28", in NW¼NW¼ sec.3, T.40 S., R.23 E., Hydrologic Unit 03100101, 200 ft (60 m) south of De Soto-Charlotte County Line, 1.0 mi (1.6 km) east of Peace River, 2.0 mi (3.2 km) north of Harbour Heights, and 5.0 mi (8.0 km) northeast of Port Charlotte.

AQUIFER.--Ogliocene limestone aquifer, Geologic Unit 123 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 to 4 in (20 to 10 cm), depth 917 ft (279 m), cased to 595 ft (181 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of valve, 3.3 ft (1.0 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 20 ft (6.1 m), from topographic map.

PERIOD OF RECORD.--December 1975 to September 1977 (bimonthly); October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.11 ft (18.93 m) NGVD, Sept. 6, 28, 1978; lowest measured, 55.64 ft (16.96 m) NGVD, May 10, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
03...	1400	61.88	01...	1207	57.49
30...	1530	59.80	14...	1400	58.41
NOV			JUN		
29...	0440	59.68	06...	1300	58.64
JAN , 1979			JUL		
04...	0413	58.18	02...	1210	59.34
31...	1045	59.57	AUG		
FEB			02...	1110	59.80
27...	1622	57.95	SEP		
APR			05...	1435	60.95
09...	1100	57.26	17...	1703	58.64

WELL NUMBER.--270152082002802. Deep Creek Well Number 575 near Port Charlotte, FL.

LOCATION.--Lat 27°01'52", long 82°00'28", in NW¼NW¼ sec.3, T.40 S., R.23 E., Hydrologic Unit 03100101, 200 ft (60 m) south of De Soto-Charlotte County Line, 1.0 mi (1.6 km) east of Peace River, 2.0 mi (3.2 km) north of Harbour Heights, and 5.0 mi (8.0 km) northeast of Port Charlotte.

AQUIFER.--Limestone aquifer of the Miocene age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 to 4 in (20 to 10 cm), depth 575 ft (175 m), cased to 303 ft (92 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of valve, 2.0 ft (0.6 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 20 ft (6.1 m), from topographic map.

PERIOD OF RECORD.--December 1975 to September 1977 (bimonthly); October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.35 ft (19.31 m) NGVD, Sept. 6, Oct. 3, 1978; lowest measured, 56.20 ft (17.13 m) NGVD, May 10, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
03...	1805	63.35	01...	1200	56.65
30...	1835	60.58	14...	1355	59.65
NOV			JUN		
29...	0430	61.04	06...	1245	59.42
JAN , 1979			JUL		
04...	0418	58.73	02...	1215	59.88
31...	1140	58.73	AUG		
FEB			02...	1114	60.58
27...	1628	58.27	SEP		
APR			05...	1430	61.73
09...	1052	60.81	17...	1700	61.73

## CHARLOTTE COUNTY

WELL NUMBER.--270152082002803. Deep Creek Well Number 270 near Port Charlotte, FL.

LOCATION.--Lat 27°01'52", long 82°00'28", in NW¼NW¼ sec.3, T.40 S., R.23 E., Hydrologic Unit 03100101, 200 ft (60 m) south of De Soto-Charlotte County Line, 1.0 mi (1.6 km) east of Peace River, 2.0 mi (3.2 km) north of Harbour Heights, and 5.0 mi (8.0 km) northeast of Port Charlotte.

AQUIFER.--Hawthorn limestone aquifer of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 270 ft (82 m), cased to 110 ft (34 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of valve, 1.5 ft (0.5 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 20 ft (6.1 m), from topographic map.

PERIOD OF RECORD.--December 1975 to September 1977 (bimonthly); October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.21 ft (12.26 m) NGVD, Sept. 6, 1978; lowest measured, 33.51 ft (10.21 m) NGVD, Oct. 30, 1978.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
03...	1410	39.98	01...	1154	35.59
30...	1650	33.51	14...	1347	36.28
NOV			JUN		
29...	0820	38.36	06...	1315	34.20
JAN , 1979			JUL		
04...	0920	35.59	02...	1225	36.05
31...	1130	36.75	AUG		
FEB			02...	1120	34.90
27...	1631	36.28	SEP		
APR			05...	1425	37.44
09...	1048	34.20	17...	1655	37.67

WELL NUMBER.--270152082002804. Deep Creek Water Table Well near Port Charlotte, FL.

LOCATION.--Lat 27°01'52", long 82°00'28", in NW¼NW¼ sec.3, T.40 S., R.23 E., Hydrologic Unit 03100101, 200 ft (60 m) south of De Soto-Charlotte County Line, 1.0 mi (1.6 km) east of Peace River, 2.0 mi (3.2 km) north of Harbour Heights, and 5.0 mi (8.0 km) northeast of Port Charlotte.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 30 ft (9 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of coupling, 0.6 ft (0.2 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 20 ft (6.1 m), from topographic map.

PERIOD OF RECORD.--December 1975 (corrected) to September 1977 (bimonthly); October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.18 ft (5.54 m) NGVD, Sept. 17, 1979; lowest measured, 14.25 ft (4.34 m) NGVD, May 10, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
03...	1815	17.95	01...	1150	15.88
30...	1652	16.33	14...	1340	18.02
NOV			JUN		
29...	0805	16.32	06...	1220	16.50
JAN , 1979			JUL		
04...	0903	16.80	02...	1230	16.06
31...	1125	17.36	AUG		
FEB			02...	1125	15.79
27...	1634	16.74	SEP		
APR			05...	1415	17.85
09...	1041	15.80	17...	1650	18.18

WATER RESOURCES DATA FOR FLORIDA, 1979  
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KEY TO SITE LOCATIONS ON FIGURE 5  
CITRUS COUNTY

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12	285020082365301	38
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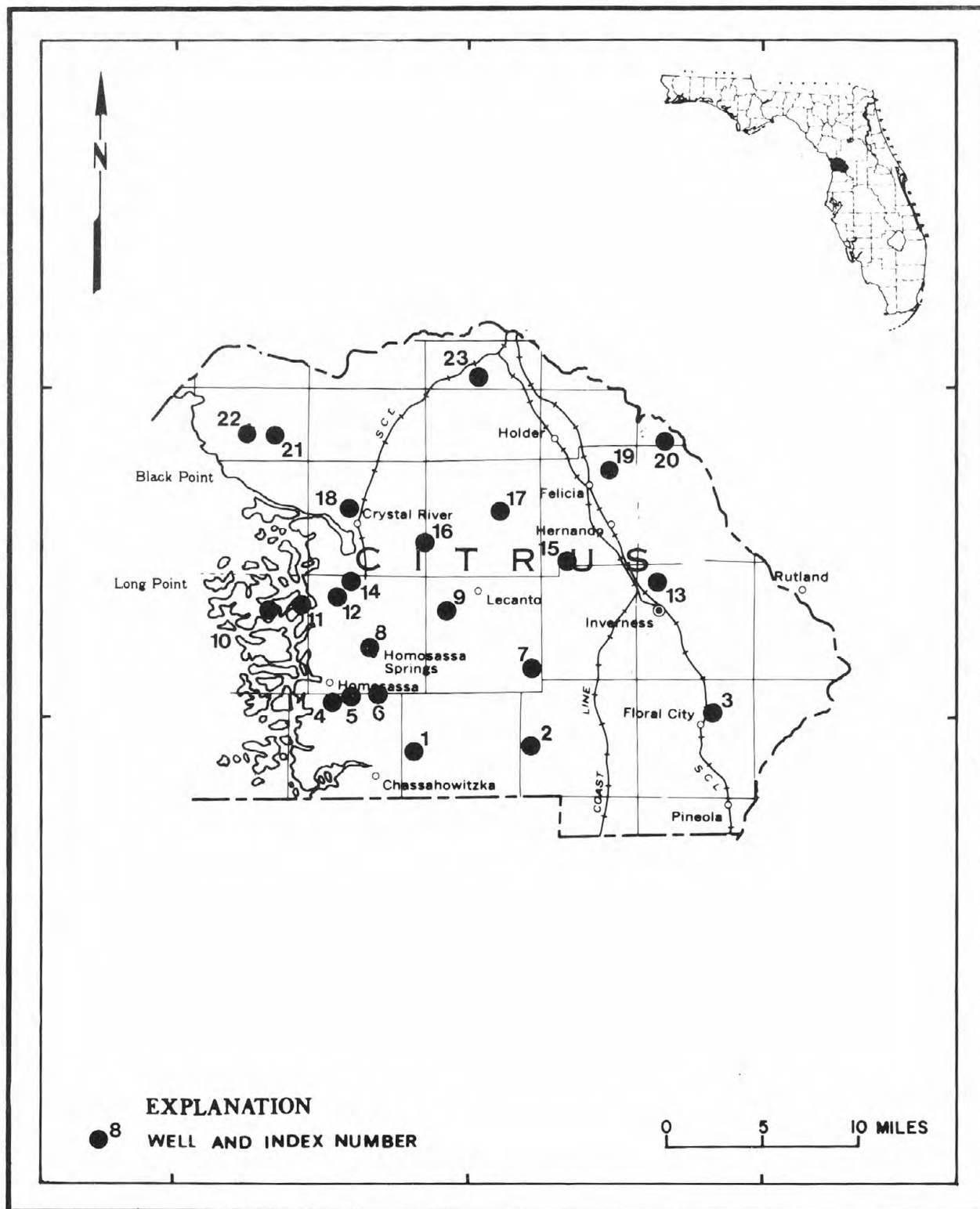


Figure 5. Location of wells in Citrus County

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## CITRUS COUNTY

WELL NUMBER.--284317082330601. Chassahowitzka Well 1 near Chassahowitzka, FL.

LOCATION.--Lat 28°43'17", long 82°33'06", in NE¼NE¼ sec.25, T.20 S., R.17 E., Hydrologic Unit 03100207, 0.1 mi (0.2 km) southeast of intersection U. S. Highway 19 and U. S. Highway 98, and 1.2 mi (1.9 km) east of Chassahowitzka.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 176 ft (54 m), cased to 166 ft (51 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.23 ft (0.98 m) above land-surface datum. Prior to Dec. 5, 1975, top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 9.26 ft (2.82 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--October 1965 to March 1971; January 1973 to current year, incomplete. 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, 9.29 ft (2.83 m) NGVD, Sept. 13, 14, 1974; lowest, 5.31 ft (1.62 m) NGVD, June 20, 1968, May 10, 1976.

ELEVATION, IN 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	7.48	6.87	6.97	6.39	6.45	6.22	5.97	5.74	6.16	5.97	6.08	6.94
10	7.26	6.79	6.78	6.30	6.35	6.21	5.91	6.22	6.08	6.17	6.37	6.80
15	7.29	6.76	6.53	6.62	6.22	6.10	5.91	6.41	6.10	6.11	6.69	7.03
20	7.14	6.67	6.46	6.69	6.11	6.02	5.74	6.38	5.99	6.21	6.80	7.01
25	6.99	6.64	6.55	6.87	6.41	6.21	6.03	6.40	6.06	6.30	6.84	7.20
EOM	6.92	6.66	6.46	6.64	6.26	5.98	5.87	6.24	6.06	6.14	6.91	7.40
MEAN	7.22	6.75	6.60	6.60	6.33	6.12	5.89	6.19	6.10	6.16	6.57	7.04
MAX	7.61	6.92	6.97	6.89	6.59	6.26	6.05	6.45	6.22	6.31	6.91	7.40
MIN	6.92	6.60	6.39	6.29	6.11	5.97	5.70	5.74	5.99	5.96	6.05	6.80
WTR YR 1979	MEAN	6.47	MAX	7.61	OCT 1	MIN	5.70	APR 23				

WELL NUMBER.--284317082330602. Chassahowitzka Well 2 near Chassahowitzka, FL.

LOCATION.--Lat 28°43'17", long 82°33'06", in NE¼NE¼ sec.25, T.20 S., R.17 E., Hydrologic Unit 03100207, 0.1 mi (0.2 km) south-east of intersection U. S. Highway 19 and U. S. Highway 98, and 1.2 mi (1.9 km) east of Chassahowitzka.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 46.5 ft (14.2 m), cased to 40.5 ft (12.3 m).

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

DATUM.--Land-surface datum is 9.36 ft (2.85 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1965 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, 9.05 ft (2.76 m) NGVD, Sept. 5, 1974; lowest measured, 5.34 ft (1.63 m) NGVD, May 12, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
02...	1320	6.98	16...	1808	6.40
JAN , 1979			JUN		
09...	1640	6.45	27...	1030	6.07
FEB			SEP		
28...	0905	6.33	13...	1120	6.91
MAY			19...	1848	7.13
01...	1200	5.90			

## CITRUS COUNTY

WELL NUMBER.--284339082270401. Lecanto Well 1 near Chassahowitzka, FL.

LOCATION.--Lat 28°43'39", long 82°27'04", in SW¼SW¼ sec.19, T.20 S., R.19 E., Hydrologic Unit 03100207, on east side of State Highway 491, 2.2 mi (3.5 km) north of Citrus-Hernando County Line, and 14 mi (23 km) east of Chassahowitzka.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 168.5 ft (51.4 m), cased to 168 ft (51 m).

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

DATUM.--Land-surface datum is 32.80 ft (10.00 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1965 (annually); May 1966 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, 13.82 ft (4.21 m) NGVD, Sept. 8, 1965; lowest measured, 6.88 ft (2.10 m) NGVD, May 12, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
31...	1435	9.49	16...	1140	7.75
JAN , 1979			JUN		
09...	1050	8.32	26...	1115	7.88
FEB			SEP		
27...	1210	7.98	10...	1030	8.61
MAY			19...	1307	8.78
01...	1225	7.51			

WELL NUMBER.--284339082270402. Lecanto Well 2 near Chassahowitzka, FL.

LOCATION.--Lat 28°43'39", long 82°27'04", in SW¼SW¼ sec.19, T.20 S., R.19 E., Hydrologic Unit 03100207, on east side of State Highway 491, 2.2 mi (3.5 km) north of Citrus-Hernando County Line, and 14 mi (23 km) east of Chassahowitzka.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 41 ft (12 m), cased to 36 ft (11 m).

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

DATUM.--Land-surface datum is 32.64 ft (9.95 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1965 (annually); May 1966 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, 13.92 ft (4.24 m) NGVD, Sept. 6, 1974; lowest measured, 6.88 ft (2.10 m) NGVD, May 12, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
31...	1440	9.50	16...	1145	7.77
JAN , 1979			JUN		
09...	1055	8.33	26...	1120	7.88
FEB			SEP		
27...	1215	8.00	10...	1035	8.62
MAY			19...	1309	8.80
01...	1230	7.53			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## CITRUS COUNTY

WELL NUMBER.--284508082174601. Local Number Citrus 845-217-332. Ferris Packing Company Well at Floral City, FL.

LOCATION.--Lat 28°45'08", long 82°17'46", in NE¼NE¼NW¼ sec.15, T.20 S., R.20 E., Hydrologic Unit 03100208, on east side of U.S. Highway 41, in rear of packing house, 0.2 mi (0.3 km) north of State Highway 48 in Floral City.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, artesian well, diameter 8 in (20 cm), depth 400 ft (122 m), cased to 200 ft (61 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 70.43 ft (21.47 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March and May 1961, January 1964 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, 40.32 ft (12.29 m) NGVD, Aug. 23, 1965; lowest measured, 32.24 ft (9.83 m) NGVD, May 2, 1968.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
MAY			SEP		
10...	1025	34.23	17...	1415	35.19
JUL			19...	1520	35.18
11...	1510	34.40			

WELL NUMBER.--284532082371001. Homosassa Well 1 at Homosassa, FL.

LOCATION.--Lat 28°45'32", long 82°37'10", in NE¼SE¼ sec.8, T.20 S., R.17 E., Hydrologic Unit 03100207, 0.6 mi (1.0 km) southwest of Homosassa School at Homosassa, and 1.5 mi (2.4 km) south of Mason Creek Road.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 45 ft (14 m), cased to 39 ft (12 m).

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

DATUM.--Land-surface datum is 3.68 ft (1.12 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1965 (annually); May 1966 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, 2.24 ft (0.68 m) NGVD, July 3, 1972; lowest measured, 0.24 ft (0.07 m) NGVD, Jan. 9, 1968.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV , 1978			MAY , 1979		
01...	1550	0.74	16...	1745	2.15
JAN , 1979			JUN		
10...	1525	0.62	27...	1630	0.77
FEB			SEP		
28...	1535	1.25	04...	1820	2.14
MAY			19...	1758	1.52
02...	1850	0.98			



## CITRUS COUNTY

WELL NUMBER.--284547082361201. Homosassa Well 2 at Homosassa, FL.

LOCATION.--Lat 28°45'47", long 82°36'12", in SE¼NW¼ sec.9, T.20 S., R.17 E., Hydrologic Unit 03100207, 0.5 mi (0.8 km) east of Homosassa, and 1.0 mi (1.6 km) south of State Highway 490.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 53 ft (16 m), cased to 40.5 ft (12.3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.51 ft (0.77 m) above land-surface datum.

DATUM.--Land-surface datum is 5.50 ft (1.68 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1966 to current year (bimonthly), incomplete. 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, 2.74 ft (0.84 m) NGVD, Mar. 14, 1978; lowest measured, 1.03 ft (0.31 m) NGVD, May 6, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
01...	1510	1.61	16...	1645	2.49
JAN , 1979			JUN		
10...	1605	1.79	27...	1600	1.46
FEB			SEP		
28...	1500	1.96	04...	1750	2.61
MAY			21...	1358	2.41
02...	1420	1.55			

WELL NUMBER.--284551082345301. Homosassa Well 3 near Homosassa, FL.

LOCATION.--Lat 28°45'51", long 82°34'53", in NW¼NW¼ sec.11, T.20 S., R.17 E., Hydrologic Unit 03100207, 1.5 mi (2.4 km) east of Homosassa, and 2.5 mi (4.0 km) southeast of State Highway 490.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 99 ft (30 m), cased to 81.5 ft (24.8 m).

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

DATUM.--Land-surface datum is 5.95 ft (1.81 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1966 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, 4.93 ft (1.50 m) NGVD, Sept. 5, 1974; lowest measured, 2.75 ft (0.84 m) NGVD, May 16, 1979.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
02...	1415	4.01	16...	1705	2.75
JAN , 1979			JUN		
10...	1555	3.98	26...	1710	3.58
FEB			SEP		
27...	1725	4.13	04...	1700	4.61
MAY			19...	1828	4.53
02...	1740	3.55			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## CITRUS COUNTY

WELL NUMBER.--284705082270101. Lecanto Well 3 near Lecanto, FL.

LOCATION.--Lat 28°47'05", long 82°27'01", in SW¼ sec.36, T.19 S., R.18 E., Hydrologic Unit 03100207, on east side of State Highway 491, 5.2 mi (8.4 km) south of Lecanto, and 7.3 mi (11.7 km) east of Homosassa Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 63 ft (19 m), cased to 59 ft (18 m).

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

DATUM.--Land-surface datum is 58.42 ft (17.81 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1965 (annually); May 1966 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, 12.04 ft (3.67 m) NGVD, Sept. 6, 1974; lowest measured, 4.89 ft (1.49 m) NGVD, May 17, 1967.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
31...	1515	8.85	16...	1200	7.28
JAN , 1979			JUN		
09...	1115	7.72	26...	1137	7.29
FEB			SEP		
27...	1230	7.49	10...	1050	8.04
MAY			19...	1325	8.21
01...	1245	7.02			

WELL NUMBER.--284803082351701. Norris Well at Homosassa Springs, FL.

LOCATION.--Lat 28°48'03", long 82°35'17", in NW¼ sec.28, T.19 S., R.17 E., Hydrologic Unit 03100207, at Nature's Fish Bowl (Homosassa Springs), and 0.7 mi (1.1 km) west of U. S. Highway 19 at Homosassa Springs Post Office.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 12 in (30 cm), depth 50 ft (15 m), cased to 44 ft (13 m).

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

DATUM.--Land-surface datum is 5.47 ft (1.67 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1963 to September 1977 (monthly), incomplete; October 1977 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, 3.37 ft (1.03 m) NGVD, Sept. 10, 1964; lowest measured, 0.83 ft (0.25 m) NGVD, Jan. 9, 1968.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
01...	1410	1.54	16...	1620	1.50
JAN , 1979			JUN		
10...	1430	1.08	27...	1525	1.26
FEB			SEP		
28...	1410	1.11	13...	1145	2.25
MAY			21...	1419	1.74
02...	1500	1.19			

## CITRUS COUNTY

WELL NUMBER.--284947082311801. Lecanto Well 4 near Lecanto, FL.

LOCATION.--Lat 28°49'47", long 82°31'18", in NW¼NE¼ sec.18, T.19 S., R.18 E., Hydrologic Unit 03100207, on east side of State Highway 490, 2.6 mi (4.2 km) southwest of Lecanto, and 3.1 mi (5.0 km) northeast of Homosassa Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 46 ft (14 m), cased to 34 ft (10 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of coupling, 3.45 ft (1.05 m) above land-surface datum.

DATUM.--Land-surface datum is 21.17 ft (6.45 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1966 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, 7.47 ft (2.28 m) NGVD, Sept. 6, 1974; lowest measured, 3.59 ft (1.09 m) NGVD, May 7, 1968.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
31...	1540	5.42	16...	1300	4.76
JAN , 1979			JUN		
09...	1155	4.81	26...	1200	4.46
FEB			SEP		
27...	1255	4.70	10...	1130	5.30
MAY			19...	1419	5.43
01...	1310	4.48			

WELL NUMBER.--284952082400302. Ozello Well 1A near Crystal River, FL.

LOCATION.--Lat 28°49'52", long 82°40'03", in NE¼NE¼ sec.15, T.19 S., R.16 E., Hydrologic Unit 03100207, 2.5 mi (4.0 km) south of Crystal River, and 6.4 mi (10.3 km) west of U. S. Highway 19 at Ozello.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 38 ft (12 m), cased to 34 ft (10 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of adapter, 0.17 ft (0.05 m) above land-surface datum. Prior to Sept. 3, 1975, top of adapter, 2.80 ft (0.85 m) above land-surface datum; Sept. 3, 1975, to Sept. 20, 1977, top of adapter, 1.70 ft (0.52 m) above land-surface datum.

DATUM.--Land-surface datum is 3.05 ft (0.93 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 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, 1.87 ft (0.57 m) NGVD, Sept. 6, 1974; lowest measured, 1.10 ft (0.34 m) below NGVD, Jan. 9, 1979.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
01...	1810	0.13	16...	1550	-0.63
JAN , 1979			JUN		
09...	1555	-1.10	26...	1550	-0.01
FEB			SEP		
27...	1625	-0.47	10...	1710	-0.25
MAY			19...	1714	0.60
02...	1640	-0.27			

## CITRUS COUNTY

WELL NUMBER.--285010082384001. Ozello Well 2 near Crystal River, FL.

LOCATION.--Lat 28°50'10", long 82°38'40", in NE¼SW¼ sec.12, T.19 S., R.16 E., Hydrologic Unit 03100207, 2.5 mi (4.0 km) south of Crystal River, and 4.7 mi (7.6 km) west of U. S. Highway 19.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 55 ft (17 m), cased to 48 ft (15 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.90 ft (0.88 m) above land-surface datum.

DATUM.--Land-surface datum is 2.78 ft (0.85 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1966 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, 2.10 ft (0.64 m) NGVD, Feb. 24, 1975; lowest measured, 0.41 ft (0.12 m) below NGVD, May 4, 1966.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV . 1978			MAY , 1979		
01...	1735	0.45	16...	1540	0.22
JAN , 1979			JUN		
09...	1720	-0.11	26...	1525	0.55
FEB			SEP		
27...	1600	0.51	10...	1620	0.58
MAY			19...	1703	1.01
02...	1710	0.36			

WELL NUMBER.--285020082365301. Ozello Well 3 near Crystal River, FL.

LOCATION.--Lat 28°50'20", long 82°36'53", in NW¼SW¼ sec.8, T.19 S., R.17 E., Hydrologic Unit 03100207, 2.5 mi (4.0 km) south of Crystal River, and 2.8 mi (4.5 km) west of U. S. Highway 19.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 41 ft (12 m), cased to 39 ft (12 m).

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

DATUM.--Land-surface datum is 2.88 ft (0.88 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1965 (annually); May 1966 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, 2.31 ft (0.70 m) NGVD, Sept. 6, 1974; lowest measured, 0.43 ft (0.13 m) NGVD, May 6, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV . 1978			MAY . 1979		
01...	1710	1.13	16...	1535	1.21
JAN , 1979			JUN		
09...	1735	0.98	26...	1500	0.77
FEB			SEP		
27...	1535	1.46	10...	1540	1.32
MAY			19...	1655	1.68
02...	1550	0.92			



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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## CITRUS COUNTY

WELL NUMBER.--285102082204001. Local Number Citrus 851-220-343. DOT HY41 Observation Well at Inverness, FL.

LOCATION.--Lat 28°51'02", long 82°20'40", in SW¼SW¼NE¼ sec.7, T.19 S., R.20 E., Hydrologic Unit 03100208, on east side of U.S. Highway 41, 0.4 mi (0.6 km) north of intersection of U. S. Highway 41 and State Highway 581 in Inverness.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 18 in (46 cm), depth 450 ft (137 m), cased to 290 ft (88 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.07 ft (0.63 m) above land-surface datum.

DATUM.--Land-surface datum is 41.56 ft (12.67 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1961 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, 37.32 ft (11.38 m) NGVD, Mar. 31, 1961; lowest, 26.76 ft (8.16 m) NGVD, July 5, 1962.

ELEVATION, IN 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	32.01	31.28	30.69	29.94	30.23	29.80	29.50	28.98	29.76	29.30	29.34	29.43
10	31.92	31.16	30.44	29.91	30.05	29.78	29.45	29.43	29.64	29.28	29.29	29.42
15	31.77	31.01	30.38	29.81	30.10	29.73	29.28	29.73	29.55	29.16	29.37	29.43
20	31.71	30.87	30.36	30.28	29.85	29.74	29.13	29.84	29.44	29.37	29.38	29.56
25	31.61	30.82	30.25	29.94	29.95	29.75	29.27	29.89	29.40	29.46	29.39	29.70
EOM	31.37	30.72	30.02	30.36	29.88	29.50	29.02	29.73	29.40	29.41	29.40	30.60
MAX	32.12	31.39	30.74	30.38	30.33	29.90	29.54	29.91	29.76	29.47	29.43	30.60
WTR YR 1979	MEAN	29.98	MAX	32.12	OCT 1	MIN	28.96	MAY 3				

WELL NUMBER.--285102082361001. Ozello Well 4 near Crystal River, FL.

LOCATION.--Lat 28°51'02", long 82°36'10", in SE¼SE¼ sec.5, T.19 S., R.17 E., Hydrologic Unit 03100207, 1.5 mi (2.4 km) west of U. S. Highway 19, and 2.5 mi (4.0 km) south of Crystal River.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 75 ft (23 m), cased to 60 ft (18 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 4.79 ft (1.46 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1965 (annually); May 1966 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, 3.52 ft (1.07 m) NGVD, Sept. 6, 1974; lowest measured, 0.96 ft (0.29 m) NGVD, Mar. 22, 1967.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEVATION (FT. NGVD) (72020)	DATE	TIME	ELEVATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
01...	1645	2.18	16...	1525	2.02
JAN , 1979			JUN		
09...	1430	1.62	26...	1435	1.80
FEB			SEP		
27...	1510	2.12	10...	1515	2.20
MAY			19...	1649	2.68
02...	1540	1.74			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## CITRUS COUNTY

WELL NUMBER.--285112082354401. ROMP Deep Well TR 21-2 near Homosassa Springs, FL.

LOCATION.--Lat 28°51'12", long 82°35'44", in NE¼SW¼ sec.4, T.19 S., R.17 E., Hydrologic Unit 03100207, 1.0 mi (1.6 km) west of U. S. Highway 19, and 3.5 mi (5.6 km) northwest of Homosassa Springs.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 111 ft (34 m) cased to 105 ft (32 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 4.46 ft (1.36 m) above land-surface datum.

DATUM.--Land-surface datum is 3.42 ft (1.04 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 2.63 ft (0.80 m) NGVD, Sept. 27, 1979; lowest, 1.22 ft (0.37 m) NGVD, June 15, 1979.

ELEVATION, IN FEET NGVD, MAY TO SEPTEMBER 1979  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5								---	1.54	1.51	1.71	2.39
10								---	1.64	1.93	2.04	1.91
15								---	1.22	1.62	2.04	2.32
20								---	1.37	1.73	2.09	2.11
25								---	1.66	1.91	1.99	2.48
EOM								1.59	1.57	1.75	1.94	2.47
MEAN								1.59	1.54	1.74	1.99	2.28
MAX								1.59	1.81	2.05	2.40	2.63
MIN								1.59	1.22	1.35	1.62	1.90
WTR YR 1979	MEAN	1.88	MAX	2.63 SEP 27	MIN	1.22 JUN 15						

WELL NUMBER.--285124082245601. Local Number Citrus 851-224-01. ROMP Deep Well 113 near Inverness, FL.

LOCATION.--Lat 28°51'24", long 82°24'56", in NE¼NW¼NW¼ sec.9, T.19 S., R.19 E., Hydrologic Unit 03100208, on south side of State Highway 44, 5.5 mi (8.8 km) west of Inverness.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 6 in (15 cm), depth 150 ft (46 m), casing length unknown.

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 129.93 ft (39.60 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975, September 1976 to September 1977 (bimonthly), October 1977 to current year. Records of water levels prior to October 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.15 ft (2.79 m) NGVD, Sept. 10-12, 1978; lowest, 6.47 ft (1.97 m) NGVD, May 7, 1979.

ELEVATION, IN 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	8.93	8.35	7.99	7.48	7.28	6.98	6.71	6.49	6.68	6.67	6.73	7.19
10	8.84	8.29	7.94	7.46	7.22	6.94	6.63	6.55	6.68	6.66	6.74	7.28
15	8.76	8.20	7.81	7.44	7.18	6.90	6.60	6.66	6.68	6.74	6.93	7.30
20	8.65	8.14	7.70	7.42	7.12	6.82	6.57	6.69	6.65	6.76	7.05	7.38
25	8.57	8.05	7.61	7.40	7.06	6.77	6.51	6.68	6.65	6.77	7.10	7.49
EOM	8.45	7.98	7.52	7.34	7.02	6.75	6.57	6.68	6.67	6.77	7.12	7.73
MAX	8.97	8.44	8.00	7.51	7.32	7.00	6.74	6.72	6.69	6.79	7.13	7.73
WTR YR 1979	MEAN	7.26	MAX	8.97 OCT 1 AND OTHERS	MIN	6.47 MAY 7						

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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## CITRUS COUNTY

WELL NUMBER.--285234082341901. ROMP Deep Well 21-3 near Crystal River, FL.

LOCATION.--Lat 28°52'34", long 82°34'19", in NE¼NE¼ sec.34, T.18 S., R.17 E., Hydrologic Unit 03100207, 0.5 mi (0.8 km) east of U. S. Highway 19, and 1.7 mi (2.7 km) southeast of Crystal River.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 252 ft (77 m), cased to 240 ft (73 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.95 ft (1.20 m) above land-surface datum.

DATUM.--Land-surface datum is 6.11 ft (1.86 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 3.80 ft (1.16 m) NGVD, Sept. 27, 1979; lowest, 2.36 ft (0.72 m) NGVD, June 14, 1979.

ELEVATION, IN FEET NGVD, MAY TO SEPTEMBER 1979  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5								---	2.76	2.73	2.95	3.65
10								---	2.91	3.13	3.26	3.11
15								---	2.40	2.81	3.19	3.52
20								---	2.62	2.91	3.31	3.37
25								---	2.87	3.12	3.21	3.62
DOM								2.79	2.76	2.93	3.06	3.74
MEAN								2.79	2.74	2.93	3.19	3.50
MAX								2.79	3.09	3.30	3.47	3.80
MIN								2.79	2.36	2.55	2.83	3.10
WTR YR 1979	MEAN	3.04	MAX	3.80	SEP 27	MIN	2.36	JUN 14				

WELL NUMBER.--285254082323001. Lecanto Well 7 near Lecanto, FL.

LOCATION.--Lat 28°52'54", long 82°32'30", in NW¼SE¼ sec.36, T.18 S., R.17 E., Hydrologic Unit 03100207, 2.0 mi (3.2 km) northwest of Lecanto, and 3.0 mi (5.0 km) southeast of junction U. S. Highway 19 and State Highway 44.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 30 ft (9 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.5 ft (0.8 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 8 ft (2.4 m), from topographic map.

PERIOD OF RECORD.--May 1966 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, 6.08 ft (1.85 m) NGVD, Sept. 6, 1974; lowest measured, 2.43 ft (0.74 m) NGVD, May 7, 1968.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
31....	1000	3.77	16....	1310	3.33
JAN , 1979			JUN		
09....	1210	3.10	26....	1220	3.04
FEB			SEP		
27....	1310	3.28	10....	1245	3.80
MAY			19....	1437	3.95
01....	1325	3.02			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## CITRUS COUNTY

WELL NUMBER.--285414082284201. North Lecanto Deep Well near Lecanto, FL.

LOCATION.--Lat 28°54'14", long 82°28'42", in SW¼NE¼NW¼ sec.22, T.18 S., R.18 E., Hydrologic Unit 03100207, 40 ft (12 m) east of State Highway 491, and 3.8 mi (6.1 km) north of Lecanto.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 335 ft (102 m), cased to 288 ft (88 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.07 ft (0.94 m) above land-surface datum.

DATUM.--Land-surface datum is 68.87 ft (20.99 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--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 daily maximum water level, 7.30 ft (2.22 m) NGVD, Sept. 15, 19-21, 1974; lowest, 3.40 ft (1.04 m) NGVD, Mar. 25, 1976.

ELEVATION, IN 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	5.52	5.08	5.08	4.41	4.70	4.41	4.21	4.04	4.26	4.15	4.25	5.00
10	5.34	5.04	4.93	4.41	4.75	4.33	4.15	4.39	4.19	4.27	4.45	4.99
15	5.38	4.99	4.62	4.75	4.50	4.22	4.15	4.50	4.14	4.33	4.79	5.11
20	5.21	4.96	4.62	4.76	4.60	4.13	4.00	4.31	4.10	4.33	4.77	5.06
25	5.13	4.87	4.63	4.88	4.45	4.40	4.18	4.41	4.19	4.37	4.82	5.37
EOM	5.10	4.96	4.54	4.72	4.43	4.18	4.22	4.27	4.21	4.32	4.77	5.66
MAX	5.55	5.09	5.08	4.92	4.80	4.41	4.29	4.50	4.28	4.38	4.82	5.68
WTR YR 1979	MEAN	4.61	MAX	5.68	SEP 29	MIN	3.98	APR 21				

WELL NUMBER.--285414082284202. Local Number 854-228-02. Lecanto Well 6 near Lecanto, FL.

LOCATION.--Lat 28°54'14", long 82°28'42", in SW¼NE¼NW¼ sec.22, T.18 S., R.18 E., Hydrologic Unit 03100207, on east side of State Highway 491, 3.8 mi (6.1 km) north of Lecanto, and 5.6 mi (9.0 km) southwest of Holder.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 78 ft (24 m), cased to 55 ft (17 m).

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

DATUM.--Land-surface datum is 68.27 ft (20.81 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1966 to June 1976, October 1977 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, 6.58 ft (2.01 m) NGVD, Oct. 30, 1974; lowest measured, 2.47 ft (0.75 m) NGVD, June 30, 1971.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT 05...	1400	5.23	MAY 18...	1530	3.27
NOV 24...	1340	4.53	JUL 11...	1645	3.99
JAN 24...	1505	4.50	SEP 17...	1615	4.82
MAR 15...	1230	3.29			

## CITRUS COUNTY

WELL NUMBER.--285421082361601. Crystal River Shallow Well at Crystal River, FL.

LOCATION.--Lat 28°54'21", long 82°36'16", in SE¼SE¼ sec.17, T.18 S., R.17 E., Hydrologic Unit 03100207, 3 ft (1 m) west of U. S. Highway 19, and 0.2 mi (0.3 km) north of Crystal River city limits.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 53 ft (16 m), cased to 3.4 ft (1.0 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of coupling, 2.94 ft (0.90 m) above land-surface datum.

DATUM.--Land-surface datum is 5.09 ft (1.55 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1964 to July 1973, incomplete; February 1975 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 daily maximum water level, 6.62 ft (2.02 m) NGVD, Aug. 1, 1965; lowest measured, 0.51 ft (0.16 m) NGVD, Jan. 10, 1979.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
01... 1200	0.97		16... 1505	1.11	
JAN , 1979			JUN		
10... 1235	0.51		27... 1330	1.03	
FEB			SEP		
28... 1230	0.99		07... 1035	1.51	
MAY			19... 1610	1.64	
01... 1840	1.16				

WELL NUMBER.--285421082361602. Crystal River Deep Well at Crystal River, FL.

LOCATION.--Lat 28°54'21", long 82°36'16", in SE¼SE¼ sec.17, T.18 S., R.17 E., Hydrologic Unit 03100207, 3 ft (1 m) west of U. S. Highway 19, and 0.2 mi (0.3 km) north of Crystal River city limits.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 176 ft (54 m), cased to 162 ft (49 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of male adapter, 2.81 ft (0.86 m) above land-surface datum. Prior to Oct. 20, 1977, top of coupling, 2.66 ft (0.81 m) above land-surface datum; Oct. 20, 1977, to July 10, 1979, top of flange 2.87 ft (0.87 m) above land-surface datum.

DATUM.--Land-surface datum is 7.53 ft (2.30 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Land surface changed by highway construction. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--July 1964 to September 1977 (monthly), incomplete; October 1977 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, 3.77 ft (1.15 m) NGVD, Jan. 9, 1978; lowest measured, 0.25 ft (0.08 m) below NGVD, June 2, 1972.

ELEVATION, IN 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	1.87	1.69	2.80	1.09	1.17	1.00	1.36	1.26	1.71	1.53	1.92	2.55
10	1.49	1.33	1.21	.46	.49	1.30	1.80	1.94	2.06	2.14	2.19	1.65
15	1.83	1.73	1.01	1.05	1.33	1.40	1.72	1.82	1.21	1.56	1.68	2.28
20	1.75	1.25	1.50	2.62	1.38	1.60	1.48	1.48	1.63	1.71	2.09	2.12
25	1.34	1.57	1.62	2.14	2.59	2.10	2.54	2.04	2.00	2.10	1.94	2.09
EOM	1.10	2.10	1.76	1.65	1.59	1.82	1.78	1.73	1.45	1.77	1.63	2.25
MEAN	1.64	1.57	1.41	1.65	1.54	1.48	1.71	1.67	1.71	1.79	1.98	2.18
MAX	2.13	2.14	2.80	3.12	3.37	2.50	2.54	2.27	2.33	2.39	2.34	2.82
MIN	1.03	.98	.46	.14	.49	.51	.84	.88	1.04	1.13	1.63	1.65
WTR YR 1979 MEAN	1.69			3.37 FEB 26			1.14 JAN 4					



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## CITRUS COUNTY

WELL NUMBER.--285608082233401. Local Number Citrus 856-223-342A. Camp Mining Well CE 64 near Holder, FL.

LOCATION.--Lat 28°56'08", long 82°23'34", in SW¼NW¼SE¼ sec.10, T.18 S., R.19 E., Hydrologic Unit 03100208, in a field about 0.5 mi (0.8 km) east of U.S. Highway 41, at a point 2.5 mi (4.0 km) south of State Highway 200 in Holder.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, artesian well, diameter 14 in (36 cm), depth 91 ft (28 m), casing length unknown.

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.14 ft (0.35 m) above land-surface datum.

DATUM.--Land-surface datum is 65.92 ft (20.09 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1961, December 1961 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, 31.01 ft (9.45 m) NGVD, Nov. 20, 1964; lowest measured, 14.76 ft (4.50 m) NGVD, Jan. 15, 1969.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV 24...	1400	21.47	JUL 12...	1430	18.48
JAN 24...	1600	20.17	SEP 17...	1630	18.58
MAR 15...	1430	19.12	19...	1030	19.45
MAY 09...	1400	18.32			

WELL NUMBER.--285720082201301. Local Number 857-220-01. ROMP Deep Well 116 near Tsala Apopka, FL.

LOCATION.--Lat 28°57'20", long 82°20'13", in NE¼SE¼NE¼ sec.32, T.18 S., R.20 E., Hydrologic Unit 03100208, 100 ft (30 m) west of Tsala Apopka outfall canal at control structure S-353, and 2.3 mi (3.7 km) northeast of Hernando.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 6 in (15 cm), depth 55 ft (17 m), cased to 39 ft (12 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top edge of flange on casing, 3.20 ft (0.98 m) above land-surface datum.

DATUM.--Land-surface datum is 41.96 ft (12.79 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1974, September 1976 to March 1977 (bimonthly), April 1977 to current year. Records of water levels prior to September 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 37.54 ft (11.44 m) NGVD, Sept. 30, 1979 water level rising; lowest, 31.43 ft (9.58 m) NGVD, Nov. 28-30, 1978.

ELEVATION, IN 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	32.64	31.75	31.84	31.88	32.86	32.96	33.19	32.66	33.68	32.65	33.05	34.46
10	32.36	31.74	31.69	31.93	32.79	33.33	32.88	34.17	33.34	32.87	33.27	34.12
15	32.27	31.64	31.55	32.50	32.70	33.31	32.56	34.76	33.41	32.80	33.54	34.48
20	32.07	31.57	31.49	32.44	32.64	33.22	32.21	34.52	33.09	33.17	33.26	34.85
25	31.97	31.48	31.62	33.03	33.21	33.23	32.66	34.22	32.84	33.03	33.85	36.17
EOM	31.91	31.43	31.82	32.97	33.02	33.23	32.79	33.99	32.87	32.74	34.00	37.54
MAX	32.83	31.88	31.84	33.07	33.21	33.36	33.23	34.76	33.94	33.17	34.00	37.54
WTR YR 1979	MEAN	32.93	MAX	37.54	SEP 30	MIN	31.43	NOV 28	AND OTHERS			

## CITRUS COUNTY

WELL NUMBER.--285737082400601. Florida Power Corporation Well 3 near Crystal River, FL.

LOCATION.--Lat 28°57'37", long 82°40'06", in NW¼NW¼ sec.35, T.17 S., R.16 E., Hydrologic Unit 03100207, 2.5 mi (4.0 km) west of U. S. Highway 19, and 4.5 mi (7.2 km) northwest of Crystal River.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 88 ft (27 m), cased to 67 ft (20 m).

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

DATUM.--Land-surface datum is 7.18 ft (2.19 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1966 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, 6.73 ft (2.05 m) NGVD, Mar. 14, 1978; lowest measured, 1.75 ft (0.53 m) NGVD, June 27, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
01...	1030	2.34	16...	1430	5.52
JAN , 1979			JUN		
10...	1125	3.48	27...	1210	3.08
FEB			SEP		
28...	1125	4.55	07...	0935	4.63
MAY			19...	1536	4.95
01...	1625	3.67			

WELL NUMBER.--285737082413001. Florida Power Corporation Well 2 near Crystal River, FL.

LOCATION.--Lat 28°57'37", long 82°41'30", in NW¼NE¼ sec.33, T.17 S., R.16 E., Hydrologic Unit 03100207, 3.7 mi (5.9 km) west of U. S. Highway 19, and 4.5 mi (7.2 km) northwest of Crystal River.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 47 ft (14 m), cased to 42 ft (13 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.90 ft (0.88 m) above land-surface datum.

DATUM.--Land-surface datum is 4.66 ft (1.42 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1966 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, 4.31 ft (1.31 m) NGVD, Mar. 14, 1978; lowest measured, 1.23 ft (0.37 m) NGVD, May 8, 1968.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
01...	1100	1.57	16...	1445	3.64
JAN , 1979			JUN		
10...	1155	2.41	27...	1245	2.55
FEB			SEP		
28...	1155	3.10	10...	1335	3.08
MAY			19...	1550	3.79
01...	1705	3.41			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## CITRUS COUNTY

WELL NUMBER.--290213082284101. Local Number Citrus 902-228-341. Charles Rush Well CE 11 at Dunnellon, Fl.

LOCATION.--Lat 29°02'13", long 82°28'41", in NE¼NE¼NW¼ sec.3, T.17 S., R.18 E., Hydrologic Unit 03100208, in a field about 0.4 mi (0.6 km) south of State Highway 488, and about 3 mi (5 km) southwest of Dunnellon.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, artesian well, diameter 3 in (8 cm), depth 78 ft (24 m), casing length unknown.

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

DATUM.--Land-surface datum is 44.28 ft (13.50 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 1935 to April 1950 (monthly), June 1950 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, 33.95 ft (10.35 m) NGVD, Sept. 21, 1970; lowest measured, 24.99 ft (7.62 m) NGVD, May 15, 1968.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT			MAY		
12...	0755	31.33	09...	0810	28.92
NOV			JUL		
22...	1610	30.21	12...	1400	30.08
JAN			SEP		
23...	1230	29.77	10...	1610	30.88
MAR			10...	1425	30.82
14...	1610	29.75			

WATER RESOURCES DATA FOR FLORIDA, 1979  
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KEY TO SITE LOCATIONS ON FIGURE 6  
DE SOTO COUNTY

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5	271618081590901	51
6	271743081374601	52
7	271746081404301	52
8	271757081493001	53
8	271757081493002	53
8	271757081493003	54
9	271937081365901	54
10	272012081482501	55

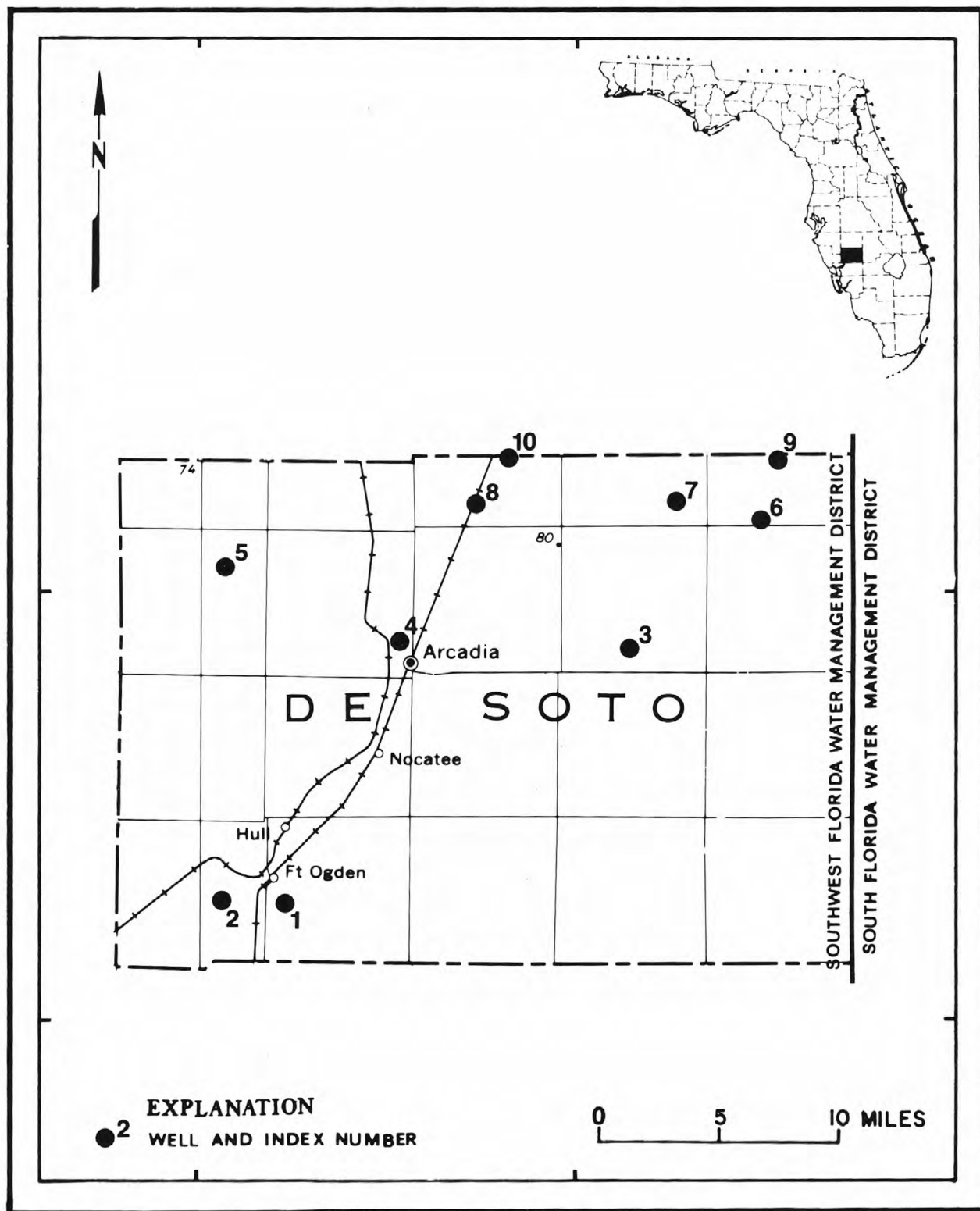


Figure 6. Location of wells in De Soto County



## DE SOTO COUNTY

WELL NUMBER.--270410081565201. Morgan Deep Well near Fort Ogden, FL.

LOCATION.--Lat 27°04'10", long 81°56'52", in NW¼SE¼ sec.19, T.39 S., R.24 E., Hydrologic Unit 03100101, 0.6 mi (1.0 km) east of U. S. Highway 17, and 1.8 mi (2.9 km) southeast of Fort Ogden.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 6 in (15 cm), depth 1,100 ft (335 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of 6 in (15 cm) tee, 1.5 ft (0.5 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 33 ft (10 m), from topographic map.

PERIOD OF RECORD.--March 1970 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, 45.59 ft (13.90 m) NGVD, Sept. 27, 1978; lowest measured, 35.65 ft (10.87 m) NGVD, May 17, 1978.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			JUN , 1979		
29...	1710	39.70	06...	1110	42.12
JAN , 1979			AUG		
31...	1045	42.58	02...	1345	43.74
APR			SEP		
05...	0939	36.92	17...	1550	43.12
MAY					
14...	1255	41.02			

WELL NUMBER.--270414081584701. Lettuce Lake Well near Fort Ogden, FL.

LOCATION.--Lat 27°04'14", long 81°58'47", in NW¼SE¼ sec.23, T.39 S., R.23 E., Hydrologic Unit 03100101, 300 ft (90 m) west of Lettuce Lake Road, 0.4 mi (0.6 km) south of State Highway 761, and 2.0 mi (3.2 km) southwest of Fort Ogden.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 16 in (41 cm), depth 1190 ft (363 m), cased to 105 ft (32 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of flange, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 21 ft (6.4 m) corrected, from topographic map.

PERIOD OF RECORD.--January 1975 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 53.11 ft (16.19 m) NGVD, Sept. 27, 1978; lowest measured, 42.02 ft (12.81 m) NGVD, May 17, 1978.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			JUN , 1979		
29...	1745	50.57	06...	1130	48.02
JAN , 1979			AUG		
31...	1020	47.56	02...	1317	48.02
APR			SEP		
09...	0940	46.87	17...	1610	49.87
MAY					
14...	1312	48.95			

## DE SOTO COUNTY

WELL NUMBER.--271246081432201. Pinder Well near Arcadia, FL.

LOCATION.--Lat 27°12'46", long 81°43'22", in NE¼SW¼ sec.33, T.37 S., R.26 E., Hydrologic Unit 03100101, 0.25 mi (0.40 km) north of State Highway 70, and 7.6 mi (12.2 km) east of junction U. S. Highway 17 and State Highway 70 at Arcadia.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 8 in (20 cm), depth 1,365 ft (416 m).

INSTRUMENTATION.--Tape measured. Measuring point: End of 6 in (15 cm) discharge pipe, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 72.26 ft (22.02 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1964 to May 1972 (bimonthly); June 1972 to current year (monthly), incomplete. 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, 53.29 ft (16.24 m) NGVD, Sept. 8, 1964; lowest measured, 40.14 ft (12.23 m) NGVD, Apr. 29, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
30...	1030	48.76	02...	0915	48.00
NOV			15...	1740	49.50
30...	1305	47.86	JUN		
DEC			07...	1105	50.08
21...	1135	48.35	JUL		
JAN , 1979			02...	1050	50.01
03...	1020	49.68	31...	1545	50.93
FEB			SEP		
01...	1730	50.78	04...	1720	51.63
28...	1159	50.45	18...	1000	51.71
APR					
02...	1503	47.09			

WELL NUMBER.--271308081522601. Arcadia Well 2 at Arcadia, FL.

LOCATION.--Lat 27°13'08", long 81°52'26", in NW¼NW¼ sec.36, T.37 S., R.24 E., Hydrologic Unit 03100101, 900 ft (300 m) south of intersection State Highway 70 and Baldwin Avenue, and 0.9 mi (1.4 km) west of U. S. Highway 17 in Arcadia.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, unused municipal, artesian well, diameter 8 in (20 cm), depth 372 ft (113 m), cased to 263 ft (80 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of 6 in (15 cm) valve, 3.10 ft (0.94 m) above land-surface datum.

DATUM.--Land-surface datum is 29.33 ft (8.94 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 28 ft (8.5 m), from topographic map. See PERIOD OF RECORD.

PERIOD OF RECORD.--November 1970 to current year (bimonthly). Records of water levels prior to January 1974 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +1.33 ft (0.41 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.45 ft (15.38 m) NGVD, Sept. 27, 1978; lowest measured, 37.05 ft (11.29 m) NGVD, Apr. 1, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			JUN , 1979		
28...	1320	45.60	04...	1530	43.29
JAN , 1979			AUG		
29...	1730	49.99	01...	1114	43.75
APR			SEP		
09...	0858	43.75	17...	1200	45.13
MAY					
14...	1140	46.29			

## DE SOTO COUNTY

WELL NUMBER.--271310081522701. Arcadia Well 1 at Arcadia, FL.

LOCATION.--Lat 27°13'10", long 81°52'27", in NW¼NW¼ sec.36, T.37 S., R.24 E., Hydrologic Unit 03100101, 190 ft (60 m) south of intersection State Highway 70 and Parker Avenue, and 0.9 mi (1.4 km) west of U. S. Highway 17 in Arcadia.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, unused municipal, artesian well, diameter 10 in (25 cm), depth 250 ft (76 m), cased to 84 ft (26 m).

INSTRUMENTATION.--Pressure gage or tape measured. Measuring point: Top of 4 in (10 cm) coupling, 1.55 ft (0.47 m) above land-surface datum. Prior to Mar. 31, 1975, top of casing extension, 1.2 ft (0.4 m) above land-surface datum.

DATUM.--Land-surface datum is 27.76 ft (8.46 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 28 ft (8.5 m), from topographic map. See PERIOD OF RECORD.

PERIOD OF RECORD.--July 1970 to current year (bimonthly), incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -0.24 ft (0.07 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.06 ft (11.30 m) NGVD, Sept. 15, 1971; lowest measured, 26.19 ft (7.98 m) NGVD, May 22, 1974.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV . 1978			JUN . 1979		
28... 1340	35.79		04... 1520	33.30	
JAN . 1979			AUG		
29... 1125	34.75		01... 1104	33.00	
APR			SEP		
09... 0748	31.22		17... 1155	35.30	
MAY					
14... 1130	33.76				

WELL NUMBER.--271618081590901. Hollingsworth Deep Well at Pine Level, FL.

LOCATION.--Lat 27°16'18", long 81°59'09", in SE¼NW¼ sec.11, T.37 S., R.23 E., Hydrologic Unit 03100101, 0.6 mi (1.0 km) north of State Highway 70, 0.7 mi (1.1 km) northeast of Pine Level, and 7.0 mi (11.3 km) west of Arcadia.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 8 in (20 cm), depth 1,260 ft (384 m), cased to 71 ft (21 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.26 ft (0.69 m) above land-surface datum.

DATUM.--Land-surface datum is 59.34 ft (18.09 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--1962, 1963 (thrice yearly); January 1964 to September 1968 (bimonthly); January 1970 to current year, incomplete. 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, 50.54 ft (15.40 m) NGVD, Sept. 5, 1964; lowest daily maximum water level, 31.64 ft (9.64 m) NGVD, May 2, 1975.

ELEVATION, IN 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	46.30	43.80	42.65	43.88	45.97	45.97	42.74	40.25	43.35	43.88	45.41	46.71
10	46.33	42.88	43.20	44.50	45.99	46.20	41.03	40.96	43.50	44.20	45.43	46.89
15	46.07	43.69	43.35	44.99	46.08	46.27	38.52	41.99	43.34	44.60	45.58	47.06
20	46.05	42.98	43.28	45.69	45.91	46.25	37.66	42.64	43.03	45.00	45.90	47.17
25	45.80	42.79	42.59	45.80	45.92	46.11	37.34	42.94	42.97	45.40	46.22	47.24
EOM	44.87	41.98	43.27	46.08	45.82	44.61	39.53	42.99	43.53	45.38	46.45	47.55
MEAN	46.00	43.25	42.93	45.04	45.97	45.97	39.82	41.77	43.24	44.64	45.77	47.05
MAX	46.39	44.56	43.35	46.08	46.14	46.28	44.33	43.06	43.53	45.50	46.45	47.55
MIN	44.87	41.98	41.96	43.53	45.82	44.61	37.03	39.79	42.84	43.60	45.34	46.54
WTR YR 1979 MEAN	44.28			47.55	SEP 30	MIN	37.03	APR 24				

## DE SOTO COUNTY

WELL NUMBER.--271743081374601. Tropical River Groves Deep Well near Arcadia, FL.

LOCATION.--Lat 27°17'43", long 81°37'46", in NE¼NE¼ sec.5, T.37 S., R.27 E., Hydrologic Unit 03100101, 6.0 mi (9.6 km) north of State Highway 70, and 14.0 mi (22.5 km) east of Arcadia.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 12 in (30 cm), depth 698 ft (213 m), cased to 137 ft (42 m).

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

DATUM.--Land-surface datum is 89.72 ft (27.35 m) corrected, National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 89 ft (27 m), from topographic map. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby irrigation wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--October 1970 to current year, incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations of data published prior to this date may be obtained by using datum correction of +0.72 ft (0.22 m), corrected. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 54.86 ft (16.72 m) NGVD, Oct. 15, 1970; lowest, 25.43 ft (7.75 m) NGVD, May 12, 13, 1974.

ELEVATION, IN 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	50.70	36.70	49.68	49.24	50.34	50.35	33.35	47.73	49.60	49.55	50.23	51.06
10	37.69	48.90	49.08	50.70	50.38	50.55	30.84	48.36	49.42	49.77	50.39	51.12
15	50.06	49.23	49.71	49.98	50.44	50.58	30.28	48.79	49.43	49.97	50.53	51.25
20	38.13	49.70	35.71	51.59	49.82	50.55	28.65	49.04	36.31	50.16	50.65	51.24
25	47.39	48.69	34.86	51.54	48.50	50.10	44.34	49.23	48.85	50.33	50.78	51.29
DOM	47.68	35.64	49.71	51.71	49.87	35.48	46.82	49.23	49.40	50.38	50.91	51.46
MEAN	44.02	46.34	45.54	50.58	49.96	48.52	36.86	48.59	48.75	49.97	50.53	51.22
MAX	50.71	49.71	49.71	51.71	50.87	50.63	46.82	49.29	49.60	50.38	50.91	51.46
MIN	36.14	35.64	34.86	49.04	47.70	35.48	28.65	47.06	36.31	49.41	50.07	50.95
WTR YR 1979	MEAN	47.57	MAX	51.71	JAN 24 AND OTHERS	MIN	28.65	APR 20				

WELL NUMBER.--271746081404301. South Tomato Growers Well near Arcadia, FL.

LOCATION.--Lat 27°17'46", long 81°40'43", in NE¼NE¼ sec.6, T.37 S., R.27 E., Hydrologic Unit 03100101, 6.0 mi (9.6 km) north of State Highway 70, and 11.0 mi (17.7 km) east of Arcadia.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 12 in (30 cm), depth 1248 ft (380 m), cased to 225 ft (69 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 0.5 in (1.3 cm) access hole in pump base, 0.08 ft (0.02 m) above land-surface datum. Prior to Apr. 17, 1975, water-level recorder with measuring point at top of casing, at land-surface datum; Apr. 17, 1975, to Nov. 28, 1977, measuring point top of 0.5 in (1.3 cm) access hole, 0.30 ft (0.1 m) above land-surface datum; Nov. 28, 1977, to Apr. 3, 1979, measuring point top of casing, 0.5 ft (0.2 m) below land-surface datum.

DATUM.--Altitude of land-surface datum is 92 ft (28 m), from topographic map.

REMARKS.--Water levels affected by pumping of nearby irrigation wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--November 1971 to April 1975, incomplete; May 1975 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 daily maximum water level, 52.64 ft (16.04 m) NGVD, Sept. 22, 23, 1974; lowest, 36.51 ft (11.13 m) NGVD, May 13, 1974.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEVATION (FT. NGVD) (72020)	DATE	TIME	ELEVATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
30...	1150	45.76	15...	0958	48.66
FEB , 1979			JUN		
01...	1600	50.23	07...	1245	49.22
APR			SEP		
03...	1524	44.03	18...	1035	50.83

## DE SOTO COUNTY

WELL NUMBER.--271757081493001. ROMP Shallow Well 26 near Gardner, FL.

LOCATION.--Lat 27°17'57", long 81°49'30", in SW¼SW¼ sec.33, T.36 S., R.25 E., Hydrologic Unit 03100101, 235 ft (72 m) east of U. S. Highway 17, and 3.8 mi (6.1 km) south of Gardner.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 6 in (15 cm), depth 15 ft (5 m), cased to 10 ft (3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.15 ft (0.66 m) above land-surface datum. Prior to Mar. 6, 1978, top of casing, 2.5 ft (0.8 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 77 ft (23 m), from topographic map.

PERIOD OF RECORD.--August 1976 to February 1978 (monthly); March 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 75.00 ft (22.86 m) estimated, NGVD, Aug. 5, 1978; lowest, 70.53 ft (21.50 m) NGVD, Aug. 6, 1979.

ELEVATION, IN 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	72.92	71.67	71.30	71.56	72.46	72.68	71.90	71.60	71.75	70.72	70.54	74.02
10	72.65	71.57	71.21	71.57	72.41	73.12	71.84	71.70	71.50	70.72	70.72	73.47
15	72.48	71.45	71.10	72.58	72.25	72.65	71.71	72.20	71.30	70.68	71.22	74.30
20	72.27	71.32	71.01	72.47	72.11	72.55	71.57	72.00	71.20	70.78	72.01	73.84
25	72.07	71.20	70.96	72.62	72.45	72.34	71.72	72.00	71.00	70.91	73.48	73.87
LOM	71.85	71.10	71.43	72.66	72.76	72.08	71.85	72.00	70.90	70.65	73.66	74.69
MEAN	72.45	71.43	71.14	72.19	72.36	72.64	71.78	71.88	71.33	70.75	71.76	74.03
MAX	73.14	71.82	71.43	72.70	72.76	73.13	72.04	72.20	72.00	70.91	73.66	74.69
MIN	71.85	71.10	70.96	71.46	72.05	72.08	71.54	71.40	70.90	70.65	70.53	73.47
WTR YR 1979	MEAN	71.97	MAX	74.69	SEP 29 AND OTHERS	MIN	70.53	AUG 6				

WELL NUMBER.--271757081493002. ROMP Avon Park Well 26 near Gardner, FL.

LOCATION.--Lat 27°17'57", long 81°49'30", in SW¼SW¼ sec.33, T.36 S., R.25 E., Hydrologic Unit 03100101, 235 ft (72 m) east of U. S. Highway 17, and 3.8 mi (6.1 km) south of Gardner.

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

WELL CHARACTERISTICS.--Drilled, observation well, diameter 12 in (30 cm), depth 1,320 ft (402 m), cased to 580 ft (177 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.9 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 77 ft (23 m), from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 53.30 ft (16.25 m) NGVD, Sept. 30, 1979, water level rising; lowest, 37.16 ft (11.33 m) NGVD, May 3, 1978.

ELEVATION, IN 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	51.53	47.26	47.39	48.96	51.50	51.78	43.53	45.91	49.29	49.46	50.27	52.54
10	51.59	48.33	47.76	49.89	51.65	52.10	42.23	46.86	48.97	48.88	51.12	52.66
15	51.48	48.36	47.64	50.36	51.84	52.15	40.02	47.84	48.18	50.43	51.51	52.80
20	51.47	47.62	46.52	51.15	51.09	52.11	38.25	48.46	46.46	50.55	51.88	52.96
25	50.11	46.37	46.39	51.25	50.92	51.57	41.90	48.70	47.38	51.12	52.07	53.00
LOM	48.64	43.92	48.35	51.62	51.29	46.94	44.96	49.00	48.89	50.80	52.30	53.30
MEAN	50.87	47.16	47.12	50.40	51.36	51.37	42.05	47.55	48.08	49.99	51.40	52.83
MAX	51.71	48.99	48.35	51.62	51.84	52.19	47.13	49.00	49.29	51.12	52.30	53.30
MIN	48.64	43.68	44.69	48.52	50.33	46.94	38.25	45.19	45.45	48.18	50.04	52.38
WTR YR 1979	MEAN	49.18	MAX	53.30	SEP 30	MIN	38.25	APR 20				



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## DE SOTO COUNTY

WELL NUMBER.--271757081493003. ROMP Hawthorn Well 26 near Gardner, FL.

LOCATION.--Lat 27°17'57", long 81°49'30", in SW¼SW¼ sec.33, T.36 S., R.25 E., Hydrologic Unit 03100101, 200 ft (61 m) east of U. S. Highway 17, and 3.8 mi (6.1 km) south of Gardner.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 12 in (30 cm), depth 180 ft (55 m), cased to 140 ft (43 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.4 ft (1.0 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 77 ft (23 m), from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 53.11 ft (16.19 m) NGVD, Sept. 30, 1979, water level rising; lowest, 25.87 ft (7.89 m) NGVD, Apr. 18, 1979.

ELEVATION, IN 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	50.81	46.23	45.23	47.78	51.03	51.64	28.79	44.88	48.53	48.45	49.29	52.28
10	50.95	47.20	46.02	49.04	51.33	51.95	37.70	45.92	48.14	48.10	50.44	52.33
15	50.76	47.22	43.84	49.76	51.61	52.01	38.07	47.17	47.53	49.70	50.99	52.61
20	50.75	46.53	42.88	50.66	49.08	51.95	33.52	47.93	42.69	49.94	51.43	52.73
25	49.54	44.54	45.04	50.89	50.47	51.33	39.79	48.06	43.79	50.61	51.72	52.82
EOM	45.88	33.43	47.36	51.31	51.04	45.52	43.50	47.84	47.28	50.00	51.98	53.11
MEAN	49.97	44.53	45.01	49.73	50.66	50.95	37.48	46.67	46.00	49.15	50.82	52.61
MAX	50.98	48.15	47.36	51.31	51.62	52.10	45.82	48.08	48.73	50.61	51.98	53.11
MIN	45.88	30.43	39.96	46.73	47.93	45.52	25.87	43.93	36.82	46.57	49.15	52.09
WTR YR 1979	MEAN	47.80	MAX	53.11	SEP 30	MIN	25.87	APR 18				

WELL NUMBER.--271937081365901. Scarborough Deep Well near Crewsville, FL.

LOCATION.--Lat 27°19'37", long 81°36'59", in SE¼SE¼ sec.21, T.36 S., R.27 E., Hydrologic Unit 03100101, 0.9 mi (1.4 km) south of De Soto-Hardee County line, and 7.4 mi (11.9 km) southeast of Crewsville.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 8 in (20 cm), depth 1,350 ft (411 m).

INSTRUMENTATION.--Tape measured. Measuring point: Lower inside lip of flange on end of 6 in (15 cm) discharge outlet, 1.4 ft (0.4 m) above land-surface datum. Prior to Apr. 1, 1976, top of casing, 0.5 ft (0.2 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 85 ft (26 m), from topographic map.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--August 1972 to current year (bimonthly), incomplete. 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, 64.65 ft (19.70 m) NGVD, Nov. 10, 1972; lowest measured, 34.02 ft (10.37 m) NGVD, May 22, 1974.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
DEC , 1978			JUN , 1979		
06...	1140	44.90	05...	1600	46.71
FEB , 1979			JUL		
02...	0400	48.10	31...	1405	48.55
APR			SEP		
02...	1750	43.32	17...	1402	50.12
MAY					
16...	1105	44.95			

## DE SOTO COUNTY

WELL NUMBER.--272012081482501. Marshall Deep Well near Gardner, FL.

LOCATION.--Lat 27°20'12", long 81°48'25", in NW1/4 sec.22, T.36 S., R.25 E., Hydrologic Unit 03100101, 200 ft (60 m) east of U. S. Highway 17, and 1.0 mi (1.6 km) south of Gardner.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 5 in (13 cm), depth 478 ft (146 m), cased to 137 ft (42 m).

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

DATUM.--Land-surface datum is 62.58 ft (19.07 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--November 1962 to current year, incomplete. 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, 55.24 ft (16.84 m) NGVD, Mar. 5, 1964; lowest, 19.26 ft (5.87 m) NGVD, May 9, 1975.

ELEVATION, IN 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	48.55	43.98	41.10	42.25	46.47	47.25	41.74	36.30	42.33	42.49	44.65	48.34
10	48.60	43.86	41.22	43.11	46.78	47.65	38.66	37.69	42.47	43.02	45.68	48.52
15	48.22	43.69	41.57	44.06	47.01	47.87	34.76	39.18	40.89	43.72	46.32	48.90
20	48.42	42.42	40.81	45.18	46.98	47.97	32.00	40.38	41.00	44.54	47.05	49.22
25	47.43	42.42	39.68	45.54	46.76	47.14	32.39	40.85	40.73	45.18	47.54	49.46
END	46.45	40.84	41.24	46.25	46.85	44.27	35.09	41.25	41.69	45.39	47.95	49.87
MEAN	48.07	43.29	40.80	44.17	46.75	47.22	36.31	38.95	41.47	43.82	46.36	48.95
MAX	48.64	46.22	41.57	46.25	47.04	48.01	43.49	41.25	42.53	45.41	47.95	49.87
MIN	46.45	40.84	39.54	41.59	46.10	44.27	31.40	35.44	40.15	41.84	44.51	48.05
WTR YR 1979	MEAN	43.84	MAX	49.87	SEP 30	MIN	31.40	APR 21				

WATER RESOURCES DATA FOR FLORIDA, 1979  
VOLUME 3B: SOUTHWEST FLORIDA

KEY TO SITE LOCATIONS ON FIGURE 7  
HARDEE COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	272714081545901	58
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3	273040081541901	60
4	273103081363701	61
5	273156081451401	62
6	273407082025501	62
7	273823081434801	63

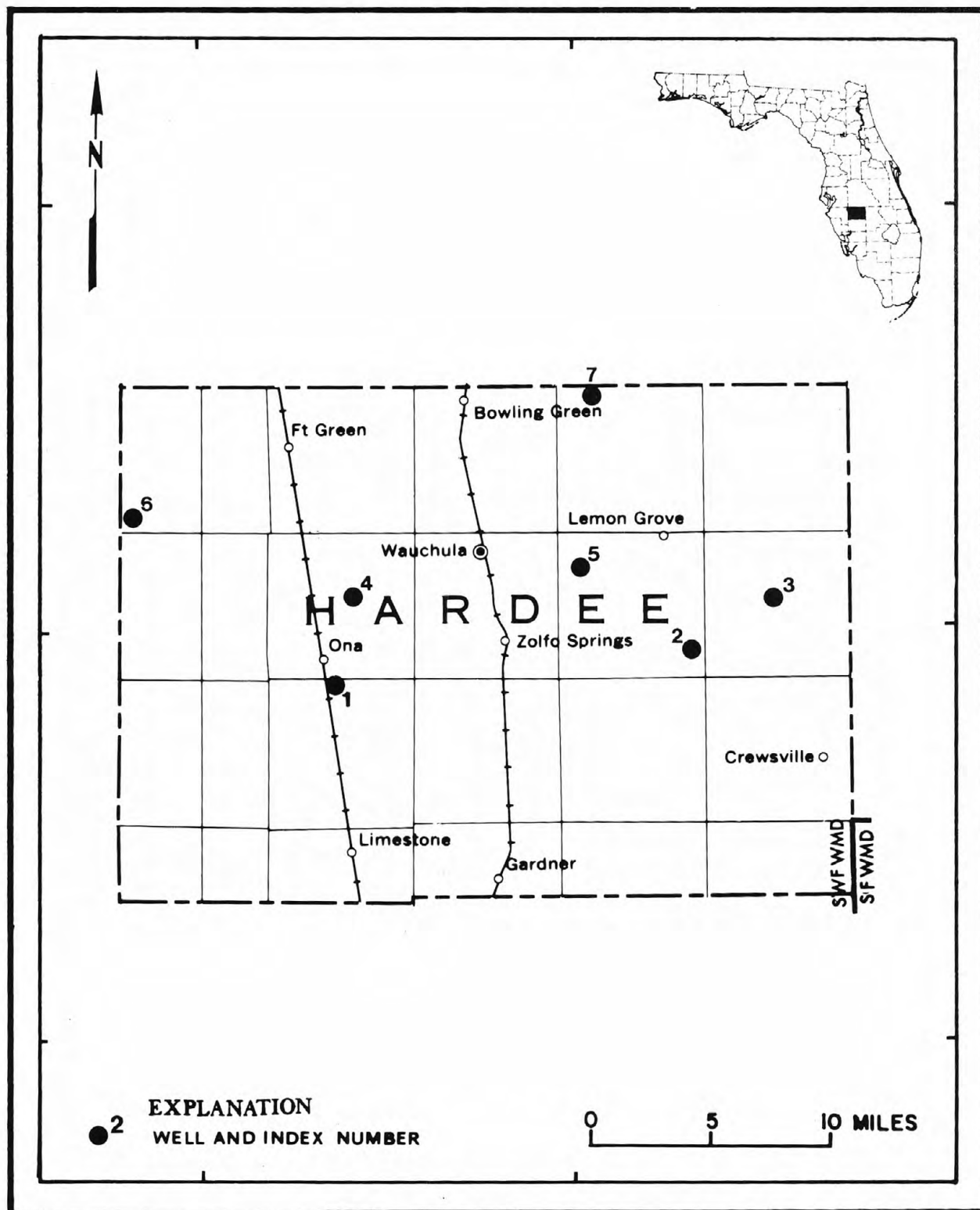


Figure 7. Location of wells in Hardee County

## HARDEE COUNTY

WELL NUMBER.--272714081545901. ROMP 31 Avon Park Well near Ona, FL.

LOCATION.--Lat 27°27'14", long 81°54'59", in NE¼NW¼ sec.9, T.35 S., R.24 E., Hydrologic Unit 03100101, 80 ft (25 m) west of State Highway 663, and 1.4 mi (2.3 km) south of Ona.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 1,152 ft (351 m), cased to 460 ft (140 m).

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

DATUM.--Land-surface datum is 78.09 ft (23.80 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--November 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 53.39 ft (16.27 m) NGVD, Sept. 30, 1979, water level rising; lowest, 25.85 ft (7.88 m) NGVD, May 4, 1978.

ELEVATION, IN 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	31.40	40.05	40.77	41.05	47.53	49.14	41.69	32.01	40.74	43.14	47.78	50.90
10	31.33	40.27	40.23	42.17	40.09	49.41	37.70	33.90	40.61	44.42	40.22	51.40
15	30.90	43.21	30.72	43.48	40.47	49.71	32.70	35.55	40.58	45.27	40.75	51.87
20	30.44	43.05	31.57	45.09	40.75	49.40	30.59	37.26	40.84	40.03	49.28	52.30
25	30.23	42.12	31.01	45.00	49.12	40.78	29.00	30.42	40.64	40.84	49.75	52.70
END	47.52	41.03	39.92	40.96	49.06	44.75	31.40	39.52	41.92	47.45	50.34	53.39
MEAN	30.44	44.60	39.40	43.76	40.29	40.35	34.79	35.80	40.64	45.23	48.87	51.94
MAX	31.40	47.29	40.53	40.96	49.12	49.40	43.99	39.52	41.92	47.45	50.34	53.39
MIN	47.52	41.03	37.99	40.33	40.92	44.75	29.43	31.79	39.78	42.12	47.50	50.48
WTR YR 1979	MEAN	44.37	MAX	53.39	SEP 30	MIN	29.43	APR 21				

WELL NUMBER.--272714081545902. ROMP 31 Hawthorn Well near Ona, FL.

LOCATION.--Lat 27°27'14", long 81°54'59", in NE¼NW¼ sec.9, T.35 S., R.24 E., Hydrologic Unit 03100101, 80 ft (25 m) west of State Highway 663, and 1.4 mi (2.3 km) south of Ona.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 350 ft (107 m), cased to 130 ft (40 m).

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

DATUM.--Land-surface datum is 78.41 ft (23.90 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--November 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 54.31 ft (16.55 m) NGVD, Sept. 30, 1979, water level rising; lowest, 28.46 ft (8.67 m) NGVD, May 4, 1978.

ELEVATION, IN 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	52.30	45.06	42.16	42.01	48.43	50.16	42.63	34.05	41.62	44.28	48.77	51.84
10	52.30	47.00	41.38	42.23	48.95	50.40	39.11	35.34	41.44	45.48	49.22	52.37
15	52.01	46.55	39.56	44.45	49.39	50.60	34.83	36.80	41.48	46.33	49.70	52.81
20	51.80	44.08	39.63	45.97	49.68	50.76	32.38	38.37	41.97	47.13	50.20	53.27
25	51.47	43.46	39.39	46.76	50.04	49.65	31.33	39.43	41.92	47.89	50.69	53.69
END	48.45	42.05	41.05	47.84	50.08	45.78	33.12	40.68	43.21	48.43	51.27	54.31
MEAN	51.49	45.90	40.56	44.72	49.19	49.79	36.29	37.06	41.67	46.30	49.82	52.86
MAX	52.40	48.31	42.30	47.84	50.08	50.76	44.91	40.68	43.21	48.43	51.27	54.31
MIN	48.45	42.05	39.20	41.42	47.85	45.78	30.98	33.39	40.80	43.35	48.51	51.40
WTR YR 1979	MEAN	45.45	MAX	54.31	SEP 30	MIN	30.98	APR 23				



## HARDEE COUNTY

WELL NUMBER.--272714081545903. ROMP 31 Shallow Well near Ona, FL.

LOCATION.--Lat 27°27'14", long 81°54'59", in NE¼NW¼ sec.9, T.35 S., R.24 E., Hydrologic Unit 03100101, 80 ft (25 m) west of State Highway 663, and 1.4 mi (2.3 km) south of Ona.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 15 ft (5 m), cased to 5 ft (2 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 78.76 ft (24.01 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

PERIOD OF RECORD.--September 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 maximum water level, 78.10 ft (23.80 m) NGVD, Sept. 13, 1979; lowest, 71.51 ft (21.80 m) NGVD, June 1, 2, 3, 1978.

ELEVATION, IN 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	73.33	72.71	72.54	74.21	75.77	75.14	73.73	73.41	73.04	75.64	76.58	76.87
10	73.74	73.37	72.54	73.96	75.54	76.42	73.36	74.74	72.54	74.93	77.43	77.53
15	73.34	73.15	72.21	76.58	75.27	75.61	73.02	76.17	72.31	76.18	76.80	77.76
20	73.05	72.66	72.01	75.44	75.02	75.07	72.71	75.16	72.06	77.27	76.74	76.70
25	72.72	72.64	72.53	76.44	75.82	74.64	73.84	74.21	71.43	76.83	77.15	76.73
30	73.14	72.40	73.61	76.52	75.61	74.37	73.51	73.64	75.83	75.43	76.61	77.25
MEAN	73.11	72.44	72.48	75.63	75.51	75.33	73.42	74.50	72.83	76.06	76.57	77.17
MAX	73.22	73.37	73.51	77.26	76.26	76.70	74.00	76.17	75.83	77.43	77.46	78.10
MIN	72.56	72.40	71.44	73.61	74.42	74.07	72.71	73.24	71.43	74.77	75.10	76.16
WTR YR 1979 MEAN	74.63		MAX	78.10 SEP 13		MIN	71.93 JUN 25					

WELL NUMBER.--272924081395801. Hass Bryan Road Well near Zolfo Springs, FL.

LOCATION.--Lat 27°29'24", long 81°39'58", in NE¼NE¼ sec.25, T.34 S., R.26 E., Hydrologic Unit 03100101, 0.7 mi (1.1 km) south of State Highway 636, and 8.0 mi (12.9 km) east of Zolfo Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 10 in (25 cm).

INSTRUMENTATION.--Tape measured. Measuring point: End of 8 in (20 cm) horizontal discharge pipe, 4.4 ft (1.3 m) above land-surface datum. Prior to Sept. 5, 1974, end of 8 in (20 cm) horizontal discharge pipe, 4.7 ft (1.4 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 80 ft (24 m), from topographic map.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--January 1970 to current year (bimonthly), incomplete. 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, 79.02 ft (24.09 m) NGVD, Sept. 20, 1979; lowest measured, 41.20 ft (12.56 m) NGVD, Apr. 30, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEVATION (FT. NGVD) (72020)	DATE	TIME	ELEVATION (FT. NGVD) (72020)
NOV , 1978			APR , 1979		
07...	0445	68.08	26...	1455	56.64
DEC			JUN		
06...	1230	64.58	26...	1048	70.54
JAN , 1979			AUG		
09...	1445	67.01	28...	1650	76.96
MAR			SEP		
06...	1055	73.00	20...	1320	79.02

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HARDEE COUNTY

WELL NUMBER.--273040081541901. Carltons Well near Ona, FL.

LOCATION.--Lat 27°30'40", long 81°54'19", in NW¼NW¼ sec.22, T.34 S., R.24 E., Hydrologic Unit 03100101, 2.0 mi (3.2 km) north of State Highway 64, and 2.2 mi (3.5 km) northeast of Ona.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 8 in (20 cm), depth 617 ft (188 m), cased to 110 ft (34 m).

INSTRUMENTATION.--Tape measured. Measuring point: End of 6 in (15 cm) horizontal discharge pipe, 4.50 ft (1.37 m) above land-surface datum. Prior to January 1972, top of access hole, 0.50 ft (0.15 m) above land-surface datum.

DATUM.--Land-surface datum is 109.29 ft (33.31 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--October 1963 to March 1972 (bimonthly); May 1972 to current year (monthly). 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, 67.31 ft (20.52 m) NGVD, Mar. 3, 1964; lowest measured, unknown (below 16.8 ft, 5.1 m) during April and May 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
06...	1400	49.94	16...	1420	40.11
DEC			30...	1000	43.63
06...	1435	43.89	JUN		
JAN , 1979			26...	1309	45.29
09...	1155	45.57	JUL		
FEB			23...	1310	50.64
05...	1630	51.03	AUG		
MAR			27...	1850	53.59
07...	1110	52.64	SEP		
28...	1210	50.46	20...	1720	55.97
APR					
26...	1542	34.67			

## HARDEE COUNTY

WELL NUMBER.--273103081363701. Smith Deep Well near Crewsville, FL.

LOCATION.--Lat 27°31'03", long 81°36'37", in SW¼SW¼ sec.15, T.34 S., R.27 E., Hydrologic Unit 03100101, on east side of Parnell Road, 4.5 mi (7.2 km) south of State Highway 64, and 7.2 mi (11.6 km) north of Crewsville.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 6 in (15 cm), depth 849 ft (259 m), cased to 66 ft (20 m).

INSTRUMENTATION.--Pressure gage or tape measured. Measuring point: Top of 1 in (2.5 cm) nipple above valve on discharge pipe, 2.86 ft (0.87 m) above land-surface datum. Prior to Feb. 4, 1976, top of 2 in (5 cm) discharge pipe, 1.50 ft (0.46 m) above land-surface datum.

DATUM.--Land-surface datum is 69.63 ft (21.22 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1963 to current year (monthly). 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, 83.93 ft (25.58 m) NGVD, Mar. 4, 1964; lowest measured, 46.40 ft (14.14 m) NGVD, Apr. 30, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
07...	0955	71.70	16...	1705	68.33
DEC			29...	1830	70.94
06...	1310	68.44	JUN		
JAN , 1979			26...	1037	70.71
09...	1500	70.58	JUL		
FEB			23...	1350	75.00
06...	1350	75.46	AUG		
MAR			28...	1635	76.76
06...	1110	76.11	SEP		
28...	1320	73.29	20...	1305	79.04
APR					
26...	1425	59.74			

## HARDEE COUNTY

WELL NUMBER.--273156081451401. Rowell Deep Well near Wauchula, FL.

LOCATION.--Lat 27°31'56", long 81°45'14", in SE¼SW¼ sec.7, T.34 S., R.26 S., Hydrologic Unit 03100101, 0.5 mi (0.9 km) south of State Highway 652, and 4.0 mi (6.4 km) east of Wauchula.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 6 in (15 cm), depth 267 ft (81 m), cased to 39 ft (12 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.87 ft (1.18 m) above land-surface datum. Prior to Sept. 30, 1976, top of 5 in (13 cm) casing extension, 3.00 ft (0.90 m) above land-surface datum.

DATUM.--Land-surface datum is 98.14 ft (29.91 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby industrial and irrigation wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--September 1962 to current year, incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey.

REVISED RECORDS.--WDR FL-76-3: 1975.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 73.44 ft (22.38 m) NGVD, Oct. 18, 1962; lowest, 24.40 ft (7.44 m) NGVD, May 9, 1975.

ELEVATION, IN 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	64.82	59.37	56.34	55.90	61.65	62.91	54.81	50.13	57.56	58.75	60.18	64.23
10	64.05	59.98	55.81	57.48	61.65	63.39	50.38	51.96	56.07	59.41	61.65	64.80
15	63.98	60.08	55.24	58.60	62.38	63.39	47.77	53.67	55.46	60.19	62.15	65.26
20	64.13	58.75	52.58	59.90	62.49	63.24	44.42	54.68	55.33	60.81	62.59	65.61
25	63.27	57.19	53.74	60.43	62.73	61.77	46.62	55.89	56.13	61.36	63.04	66.03
EOM	60.38	55.90	55.66	61.44	62.73	57.90	48.78	56.93	57.89	61.14	63.39	66.57
MEAN	63.58	58.84	54.94	58.69	62.10	62.36	49.47	53.43	56.35	60.10	62.07	65.24
MAX	64.90	60.78	56.36	61.44	62.75	63.60	57.88	56.93	57.89	61.45	63.39	66.57
MIN	60.31	55.90	51.09	55.80	60.42	57.90	44.03	49.38	54.52	58.13	60.08	63.71
WTR YR 1979	MEAN	58.92	MAX	66.57	SEP 30	MIN	44.03	APR 21				

WELL NUMBER.--273407082025501. Durrance Deep Well near Ft. Green Springs, FL.

LOCATION.--Lat 27°34'07", long 82°02'55", in SE¼NW¼ sec.31, T.33 S., R.23 E., Hydrologic Unit 03100101, 1.9 mi (3.1 km) south of State Highway 62, and 6.0 mi (9.7 km) west of Ft. Green Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 12 in (30 cm), depth 1,062 ft (324 m), cased to 82 ft (25 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 0.59 ft (0.18 m) above land-surface datum. Prior to Mar. 8, 1978, top of casing, 0.50 ft (0.15 m) above land-surface datum.

DATUM.--Land-surface datum is 126.02 ft (38.41 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby industrial and irrigation wells. Extremes may have been exceeded during periods of missing records.

PERIOD OF RECORD.--September 1963 to January 1967, incomplete; January 1970 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, 61.73 ft (18.82 m) NGVD, Mar. 10, 1964; lowest, 9.09 ft (2.77 m) NGVD, May 10, 1975.

ELEVATION, IN 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	46.20	41.32	35.82	36.69	43.71	43.86	37.82	27.23	35.91	39.66	43.60	46.74
10	45.95	40.36	35.56	38.37	43.91	44.40	35.08	28.27	36.55	40.82	43.96	47.30
15	45.84	39.68	35.63	39.57	44.24	44.85	31.58	30.17	37.08	41.65	44.69	47.93
20	45.43	38.53	34.85	41.32	44.09	44.76	28.66	31.75	37.02	42.51	45.15	48.48
25	44.69	37.02	34.46	41.95	44.32	43.81	26.80	32.63	37.82	43.06	45.70	49.04
EOM	42.76	35.28	35.78	43.22	44.12	40.32	26.70	34.14	39.17	43.65	46.15	49.81
MEAN	45.29	39.18	35.25	39.84	43.98	43.85	31.94	30.28	36.84	41.65	44.73	47.99
MAX	46.28	42.56	35.82	43.22	44.32	44.87	39.96	34.14	39.17	43.65	46.15	49.81
MIN	42.76	35.28	34.22	36.13	43.08	40.32	26.70	26.75	34.54	39.37	43.35	46.29
WTR YR 1979	MEAN	40.05	MAX	49.81	SEP 30	MIN	26.70	APR 30				

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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## HARDEE COUNTY

WELL NUMBER.--273823081434801. Parker Well near Bowling Green, FL.

LOCATION.--Lat 27°38'23", long 81°43'48", in SE 1/4 sec.5, T.33 S., R.26 E., Hydrologic Unit 03100101, 0.4 mi (0.6 km) south of Polk-Hardee County Line Road, 5.8 mi (9.3 km) east of junction U. S. Highway 17 and Polk-Hardee County Line Road, and 5.9 mi (9.5 km) east of Bowling Green.

AQUIFER.--Hawthorn formation of the Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 8 in (20 cm), depth 1,100 ft (335 m), cased to 54 ft (16 m).

INSTRUMENTATION.--Tape measured. Measuring point: Bottom tip of discharge pipe, 3.00 ft (0.61 m) above land-surface datum. Prior to Jan. 11, 1979, top of concrete slab, 0.50 ft (0.15 m) above land-surface datum. See WDR FL-78-3 for history of changes prior to Jan. 11, 1979.

DATUM.--Land-surface datum is 124.44 ft (37.93 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District)

PERIOD OF RECORD.--December 1962, May 1971 and May 1972 (annually); May 1973 to September 1977 (bimonthly), incomplete; October 1977 to current year (monthly). 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, 76.76 ft (23.40 m) NGVD, Dec. 26, 1962; lowest measured, 37.20 ft (11.34 m) NGVD, May 14, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
07...	1115	64.42	17...	1300	61.79
DEC			29...	1755	64.99
04...	1300	61.15	JUN		
JAN , 1979			26...	1010	65.34
11...	1605	64.51	JUL		
FEB			23...	1635	69.39
06...	1320	68.49	AUG		
MAR			27...	1730	70.77
07...	1305	69.01	SEP		
28...	1410	66.26	18...	1445	72.39
APR					
25...	1115	53.47			



WATER RESOURCES DATA FOR FLORIDA, 1979  
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KEY TO SITE LOCATIONS ON FIGURE 8  
HERNANDO COUNTY

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Figure 8. Location of wells in Hernando County

## HERNANDO COUNTY

WELL NUMBER.--282605082345801. ROMP Deep Well 97 near Aripeka, FL.

LOCATION.--Lat 28°26'05", long 82°34'58", in SW¼SW¼ sec.35, T.23 S., R.17 E., Hydrologic Unit 03100207, 300 ft (90 m) north of State Highway 578, 3.5 mi (5.6 km) east of U. S. Highway 19, and 5.0 mi (8.0 km) east of Aripeka.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 355 ft (108 m), cased to 310 ft (94 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 32.19 ft (9.81 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 23.78 ft (7.25 m) NGVD, Sept. 30, 1979, water level rising; lowest, 17.78 ft (5.42 m) NGVD, Aug. 6, 1979.

ELEVATION, IN FEET NGVD, JUNE TO SEPTEMBER 1979  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5									18.63	18.15	17.79	22.08
10									18.54	18.15	18.36	22.11
15									18.39	18.10	19.64	22.29
20									18.20	18.08	20.30	22.81
25									18.09	18.03	20.84	23.01
EUM									18.21	17.89	21.41	23.78
MEAN									18.37	18.09	19.53	22.55
MAX									18.63	18.22	21.41	23.78
MIN									18.06	17.89	17.78	21.63
WTR YR 1979	MEAN	19.62	MAX	23.78	SEP 30	MIN	17.78	AUG 6				

## HERNANDO COUNTY

WELL NUMBER.--282636082221401. Weeki Well 11 near Masaryktown, FL.

LOCATION.--Lat 28°26'36", long 82°22'14", in SW¼NW¼ sec.36, T.23 S., R.19 E., Hydrologic Unit 03100207, 5 ft (2 m) east of State Highway 581, and 5.3 mi (8.5 km) west of Masaryktown.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 69 ft (21 m), cased to 68 ft (21 m).

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

DATUM.--Land-surface datum is 101.00 ft (30.78 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--January to December 1967 (bimonthly); January 1968 to current year, incomplete. 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, 58.74 ft (17.90 m) NGVD, Apr. 5, 1970; lowest, 39.57 ft (12.06 m) NGVD, June 6, 8, 1974.

ELEVATION, IN 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	43.47	43.24	42.67	41.97	41.71	41.44	41.48	41.22	41.95	41.60	41.51	44.70
10	43.80	43.15	42.55	41.89	41.68	41.43	41.45	41.34	42.01	41.58	41.59	45.06
15	43.66	43.05	42.43	41.77	41.67	41.45	41.42	41.57	42.06	41.53	42.04	44.91
20	43.57	42.96	42.34	41.74	41.64	41.50	41.39	41.76	42.06	41.51	42.50	45.27
25	43.46	42.86	42.22	41.69	41.62	41.54	41.37	41.85	41.74	41.51	43.80	45.71
EOM	43.33	42.74	42.09	41.72	41.56	41.51	41.27	41.92	41.57	41.52	44.41	46.58
MEAN	43.67	43.04	42.42	41.82	41.66	41.48	41.41	41.58	41.91	41.55	42.49	45.26
MAX	44.03	43.31	42.73	42.07	41.73	41.58	41.51	41.92	42.08	41.61	44.41	46.58
MIN	43.33	42.74	42.09	41.68	41.56	41.42	41.26	41.21	41.55	41.51	41.49	44.50
WTR YR 1979	MEAN	42.36	MAX	46.58	SEP 30	MIN	41.21	MAY 7				

WELL NUMBER.--282636082221402. Weeki Shallow Well 11 near Masaryktown, FL.

LOCATION.--Lat 28°26'36", long 82°22'14", in SW¼NW¼ sec.36, T. 23 S., R.19 E., Hydrologic Unit 03100207, 5 ft (2 m) east of State Highway 581, and 5.3 mi (8.5 km) west of Masaryktown.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 16 ft (5 m), cased to 6 ft (2 m).

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

DATUM.--Land-surface datum is 100.63 ft (30.67 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1974 to current year (bimonthly), incomplete. 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, 99.14 ft (30.22 m) NGVD, Sept. 17, 1979; lowest measured, 84.33 ft (25.70 m) NGVD, May 10, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
31...	1105	84.40	16...	1000	97.83
JAN , 1979			JUN		
08...	1505	84.68	25...	1357	86.25
FEB			SEP		
26...	1415	97.96	06...	1410	97.73
APR			17...	1145	99.14
30...	1330	87.74	19...	1033	98.48
MAY					
14...	1014	98.50			

WELL NUMBER.--282738082372501. Spring Hill Well near Aripeka, FL.

AQUIFER.--Floridan aquifer of the Tertiary System. Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 6 in (15 cm), depth 95 ft (29 m), cased to 82 ft (25 m).

DATUM.--Land-surface datum is 28.34 ft (8.64 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation well.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.38 ft (5.91 m) NGVD, Sept. 30, 1979, water level rising; lowest, 13.11 ft (4.00 m) NGVD, May 31, 1974.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.11	16.49	16.08	15.83	16.48	16.07	15.78	15.42	16.34	15.97	15.52	17.87
10	16.96	16.40	16.02	15.79	16.39	16.23	15.70	16.24	16.16	16.06	15.74	17.85
15	16.90	16.31	15.93	16.32	16.26	16.14	15.62	16.66	16.00	15.97	16.71	18.08
20	16.78	16.20	15.84	16.40	16.11	16.02	15.50	16.75	15.83	15.87	17.05	18.24
25	16.68	16.12	15.83	16.52	16.22	16.01	15.50	16.73	15.70	15.79	17.42	18.51
EOM	16.58	16.02	15.93	16.57	16.21	15.86	15.38	16.50	16.04	15.63	17.75	19.38
MEAN	16.87	16.29	15.95	16.21	16.30	16.08	15.61	16.30	16.03	15.90	16.59	18.22
MAX	17.23	16.56	16.14	16.57	16.53	16.27	15.84	16.75	16.46	16.07	17.75	19.38
MIN	16.58	15.99	15.80	15.78	16.06	15.86	15.38	15.38	15.66	15.63	15.50	17.79
WTR YR 1979	MEAN	16.36	MAX	19.38	SEP 30	MIN	15.38	APR 30	AND OTHERS			

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 580 ft (177 m), cased to 445 ft (136 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.88 ft (1.18 m) above land-surface datum.

DATUM.--Land-surface datum is 15.29 ft (4.66 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 17.14 ft (5.22 m) NGVD, Sept. 30, 1979; lowest, 14.10 ft (4.30 m) NGVD, May 6, 1979.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5							---	14.13	14.79	14.49	14.21	16.24
10							---	14.97	14.64	14.70	14.61	16.14
15							---	15.24	14.43	14.55	15.34	16.48
20							14.11	15.08	14.29	14.53	15.64	16.48
25							14.42	15.11	14.21	14.55	15.97	16.88
EOM							14.16	14.88	14.66	14.28	16.04	17.14
MEAN							14.22	14.84	14.51	14.54	15.23	16.50
MAX							14.42	15.30	14.84	14.77	16.04	17.14
MIN							14.11	14.10	14.15	14.28	14.19	16.14
WTR YR 1979	MEAN	15.06	MAX	17.14	SEP 30	MIN	14.10	MAY 6				



## HERNANDO COUNTY

WELL NUMBER.--282851082271601. Airport Well near Masaryktown, FL.

LOCATION.--Lat 28°28'51", long 82°27'16", in SE $\frac{1}{4}$ SE $\frac{1}{4}$  sec.13, T.23 S., R.18 E., Hydrologic Unit 03100207, 0.2 mi (0.3 km) north of Brooks-ville Airport, and 2.7 mi (4.3 km) north (corrected) of Masaryktown.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused industrial, artesian well, diameter 8 in (20 cm), depth 251 ft (76 m), cased to 80 ft (24 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of bushing, 1.15 ft (0.35 m) above land-surface datum.

DATUM.--Land-surface datum is 65.66 ft (20.01 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1960 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, 61.68 ft (18.80 m) NGVD, Oct. 19, 1960; lowest measured, 29.10 ft (8.87 m) NGVD, May 23, 1974.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
31...	1240	35.30	16...	1030	31.18
JAN , 1979			JUN		
08...	1555	33.13	25...	1540	31.71
FEB			SEP		
26...	1520	31.89	06...	1440	33.20
APR			19...	1110	34.27
30...	1430	31.16			

## HERNANDO COUNTY

WELL NUMBER.--283201082315601. Weeki Wachee Well near Weeki Wachee, FL.

LOCATION.--Lat 28°32'01", long 82°31'56", in SW¼SW¼ sec.29, T.22 S., R.18 E., Hydrologic Unit 03100207, 25 ft (8 m) north of State Highway 50, and 2.6 mi (4.2 km) east of Weeki Wachee.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 259 ft (79 m), cased to 176 ft (54 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 35.97 ft (10.96 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--August 1966 to current year, incomplete. 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, 23.79 ft (7.25 m) NGVD, Sept. 17, 1974; lowest, 14.44 ft (4.40 m) NGVD, June 3, 1974.

ELEVATION, IN 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	19.09	18.17	17.37	16.62	16.43	16.07	15.85	15.48	16.23	15.98	15.60	17.85
10	18.93	18.05	17.24	16.51	16.36	16.07	15.80	15.69	16.21	15.94	15.90	17.93
15	18.81	17.89	17.10	16.51	16.30	16.06	15.74	15.89	16.18	15.94	16.80	18.07
20	18.64	17.76	17.00	16.50	16.21	16.01	15.64	16.04	16.12	15.96	17.10	18.28
25	18.50	17.61	16.87	16.47	16.16	15.98	15.59	16.15	16.07	15.94	17.55	18.58
EOM	18.33	17.47	16.72	16.48	16.14	15.89	15.52	16.20	16.04	15.87	17.80	19.20
MEAN	18.77	17.88	17.09	16.53	16.30	16.03	15.72	15.87	16.16	15.95	16.71	18.22
MAX	19.20	18.30	17.45	16.71	16.46	16.13	15.88	16.20	16.23	16.03	17.80	19.20
MIN	18.33	17.47	16.72	16.47	16.14	15.89	15.52	15.46	16.04	15.87	15.60	17.85
WTR YR 1979	MEAN	16.77	MAX	19.20	OCT 1 AND OTHERS	MIN	15.46	MAY 7				

WELL NUMBER.--283203082370201. Presbyterian Youth Camp Well near Bayport, FL.

LOCATION.--Lat 28°32'03", long 82°37'02", in SE¼SE¼ sec.29, T.22 S., R.17 E., Hydrologic Unit 03100207, 350 ft (100 m) south of State Highway 595, and 1.6 mi (2.6 km) southeast of Bayport.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 75 ft (23 m), cased to 66 ft (20 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.10 ft (0.34 m) above land-surface datum.

DATUM.--Land-surface datum is 8.99 ft (2.74 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1962 to September 1977 (monthly); October 1977 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, 5.10 ft (1.55 m) NGVD, Sept. 9, 1964; lowest measured, 1.20 ft (0.37 m) NGVD, Nov. 20, 1967.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
03...	1240	2.13	16...	1858	3.30
JAN , 1979			JUN		
12...	1110	2.85	29...	1510	2.37
MAR			SEP		
02...	1535	2.74	05...	1355	3.07
MAY			20...	1340	3.29
04...	1500	2.17			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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## HERNANDO COUNTY

WELL NUMBER.--283243082365701. Whitehurst BM Well near Bayport, FL.

LOCATION.--Lat 28°32'43", long 82°36'57", in NE¼NE¼ sec.29, T.22 S., R.17 E., Hydrologic Unit 03100207, 0.1 mi (0.2 km) north of State Highway 50, and 3.8 mi (6.1 km) east of Bayport.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 302 ft (92 m), cased to 277 ft (84 m).

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

DATUM.--Land-surface datum is 6.99 ft (2.13 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by tide fluctuations.

PERIOD OF RECORD.--December 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.36 ft (2.55 m) NGVD, Jan. 9, 1978; lowest, 4.68 ft (1.43 m) NGVD, Mar. 23, 1976.

ELEVATION, IN 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	6.07	6.10	6.96	5.33	5.29	5.89	5.87	5.44	5.89	5.77	6.34	6.58
10	5.83	5.88	5.82	5.33	4.85	5.69	6.18	5.97	6.30	6.42	6.45	5.97
15	6.21	6.20	5.39	5.02	5.50	5.62	6.07	5.60	5.80	5.86	6.01	6.50
20	6.06	5.85	5.93	6.44	5.54	5.87	6.02	5.59	5.97	6.06	6.29	6.43
25	5.74	5.98	5.99	6.27	7.07	6.56	6.85	6.00	6.23	6.40	6.13	6.40
EOM	5.66	6.65	6.22	5.82	5.86	6.08	6.20	5.91	5.62	6.10	6.02	6.64
MEAN	5.97	6.08	5.90	5.90	5.72	5.85	6.11	5.78	5.99	6.08	6.25	6.46
MAX	6.38	6.65	6.96	7.51	7.24	6.75	6.85	6.34	6.54	6.66	6.65	7.09
MIN	5.43	5.59	5.10	4.82	4.85	5.15	5.35	4.85	5.61	5.40	6.01	5.97
WTR YR 1979	MEAN	6.01	MAX	7.51 JAN 21	MIN	4.82 JAN 4						

WELL NUMBER.--283537082151501. Local Number Hernando 835-215-01. ROMP Deep Well 103 near Brooksville, FL.

LOCATION.--Lat 28°35'37", long 82°15'15", in NE¼NE¼ sec.12, T.22 S., R.19 E., Hydrologic Unit 03100208, on south side of Croom Road, 2.6 mi (4.2 km) east of Tucker Hill Fire Tower, and 6.3 mi (10.1 km) northeast of Brooksville.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 8 in (20 cm), depth 198 ft (60 m), cased to 111 ft (34 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.42 ft (1.04 m) above land-surface datum.

DATUM.--Land-surface datum is 92.78 ft (28.28 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 44.49 ft (13.56 m) NGVD, Sept. 30, 1979 water level rising; lowest, 39.41 ft (12.01 m) NGVD, Jan. 15, 1978.

ELEVATION, IN 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	41.84	40.83	40.06	39.53	39.65	39.48	40.49	39.80	41.10	40.43	40.03	40.93
10	41.65	40.69	39.96	39.47	39.65	39.70	40.40	40.05	41.03	40.32	40.03	41.10
15	41.40	40.54	39.87	39.46	39.63	39.92	40.24	40.45	40.94	40.21	40.10	41.27
20	41.19	40.39	39.76	39.51	39.58	40.13	40.11	40.76	40.79	40.13	40.21	42.20
25	41.08	40.27	39.66	39.51	39.54	40.37	40.01	40.95	40.66	40.08	40.37	43.05
EOM	40.93	40.13	39.58	39.63	39.51	40.48	39.89	41.07	40.55	40.07	40.68	44.49
MAX	41.99	40.90	40.10	39.63	39.68	40.48	40.49	41.07	41.11	40.52	40.68	44.49
WTR YR 1979	MEAN	40.40	MAX	44.49 SEP 30	MIN	39.45 JAN 14						

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HERNANDO COUNTY

WELL NUMBER.--283632082245101. Seaboard Coast Line Railroad Well near Brooksville, FL.

LOCATION.--Lat 28°36'32", long 82°24'51", in SW¼SW¼ sec.33, T.21 S., R.19 E., Hydrologic Unit 03100208, 0.2 mi (0.3 km) south of U. S. Highway 98, and 4.0 mi (6.4 km) northwest of Brooksville.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, domestic, artesian well, diameter 6 in (15 cm), depth 231 ft (70 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 0.5 in (1.3 cm) access pipe, 0.25 ft (0.08 m) above land-surface datum. Prior to Jan. 4, 1974, top of access hole, 0.10 ft (0.03 m) below land-surface datum.

DATUM.--Land-surface datum is 96.67 ft (29.47 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1960 to September 1977 (monthly); October 1977 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, 48.48 ft (14.78 m) NGVD, Oct. 7, 1960; lowest measured, 31.11 ft (9.48 m) NGVD, May 1, 1979.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
31...	1335	33.12	01...	1020	31.11
DEC			16...	1105	31.31
21...	1005	32.13	JUN		
JAN , 1979			26...	1030	31.27
09...	0955	31.87	SEP		
FEB			10...	1005	31.65
27...	1105	31.38	19...	1210	32.32
APR					
02...	0915	31.29			

WELL NUMBER.--283840082154801. Local Number Hernando 838-215-132. Barnhart Well CE 25 at Nobleton, FL.

LOCATION.--Lat 28°38'40", long 82°15'48", in NW¼NW¼SW¼ sec.24, T.21 S., R.20 E., Hydrologic Unit 03100208, on Second Street, 200 ft (61 m) east of Edgewater Avenue in Nobleton.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, artesian well, diameter 6 in (15 cm), depth 140 ft (43 m), casing length unknown.

INSTRUMENTATION.--Tape measured. Measuring point: Hole in sanitary seal, 0.28 ft (0.09 m) above land-surface datum.

DATUM.--Land-surface datum is 59.37 ft (18.10 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1961 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, 47.33 ft (14.43 m) NGVD, Aug. 23, 1965; lowest measured, 38.05 ft (11.60 m) NGVD, July 14, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV			JUL		
09...	0945	39.96	06...	0830	40.06
JAN			SEP		
26...	0745	39.70	20...	0900	42.11
MAR			21...	0830	42.23
20...	0800	40.62			
MAY					
10...	1520	40.43			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HERNANDO COUNTY

WELL NUMBER.--283924082272301. ROMP Deep Well 107 near Brooksville, FL.

LOCATION.--Lat 28°39'24", long 82°27'23", in SW¼SE¼ sec.13, T.21 S., R.18 E., Hydrologic Unit 03100207, 75 ft (23 m) southwest of U. S. Highway 98, and 9.2 mi (15 km) northwest of Brooksville.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 240 ft (73 m), cased to 140 ft (43 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of nipple, 2.83 ft (0.86 m) above land-surface datum.

DATUM.--Land-surface datum is 116.03 ft (35.37 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 15.58 ft (4.75 m) NGVD, Sept. 10, 1978; lowest, 11.65 ft (3.55 m) NGVD, Aug. 13, 15, 1977.

ELEVATION, IN 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	15.07	14.43	13.84	13.34	12.99	12.62	12.35	12.06	12.51	12.58	12.78	13.22
10	14.99	14.33	13.76	13.22	12.91	12.58	12.32	12.10	12.56	12.59	12.77	13.32
15	14.86	14.23	13.73	13.13	12.85	12.52	12.27	12.12	12.58	12.60	12.85	13.38
20	14.77	14.13	13.66	13.14	12.76	12.49	12.23	12.25	12.58	12.68	12.97	13.48
25	14.67	14.05	13.55	13.07	12.73	12.43	12.20	12.36	12.58	12.68	13.08	13.61
EOM	14.51	13.92	13.44	13.10	12.67	12.37	12.13	12.45	12.59	12.74	13.15	13.88
MEAN	14.85	14.22	13.69	13.19	12.85	12.52	12.26	12.21	12.56	12.63	12.91	13.44
MAX	15.15	14.50	13.90	13.43	13.01	12.65	12.39	12.45	12.60	12.74	13.15	13.88
MIN	14.51	13.92	13.44	13.05	12.67	12.37	12.12	12.04	12.46	12.57	12.75	13.17
WTR YR 1979	MEAN	13.11	MAX	15.15	OCT 1	MIN	12.04	MAY 7				



WATER RESOURCES DATA FOR FLORIDA • 1979  
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KEY TO SITE LOCATIONS ON FIGURE 9  
HIGHLANDS COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	271226081194301	76
2	271559081242501	76
3	272746081232701	77

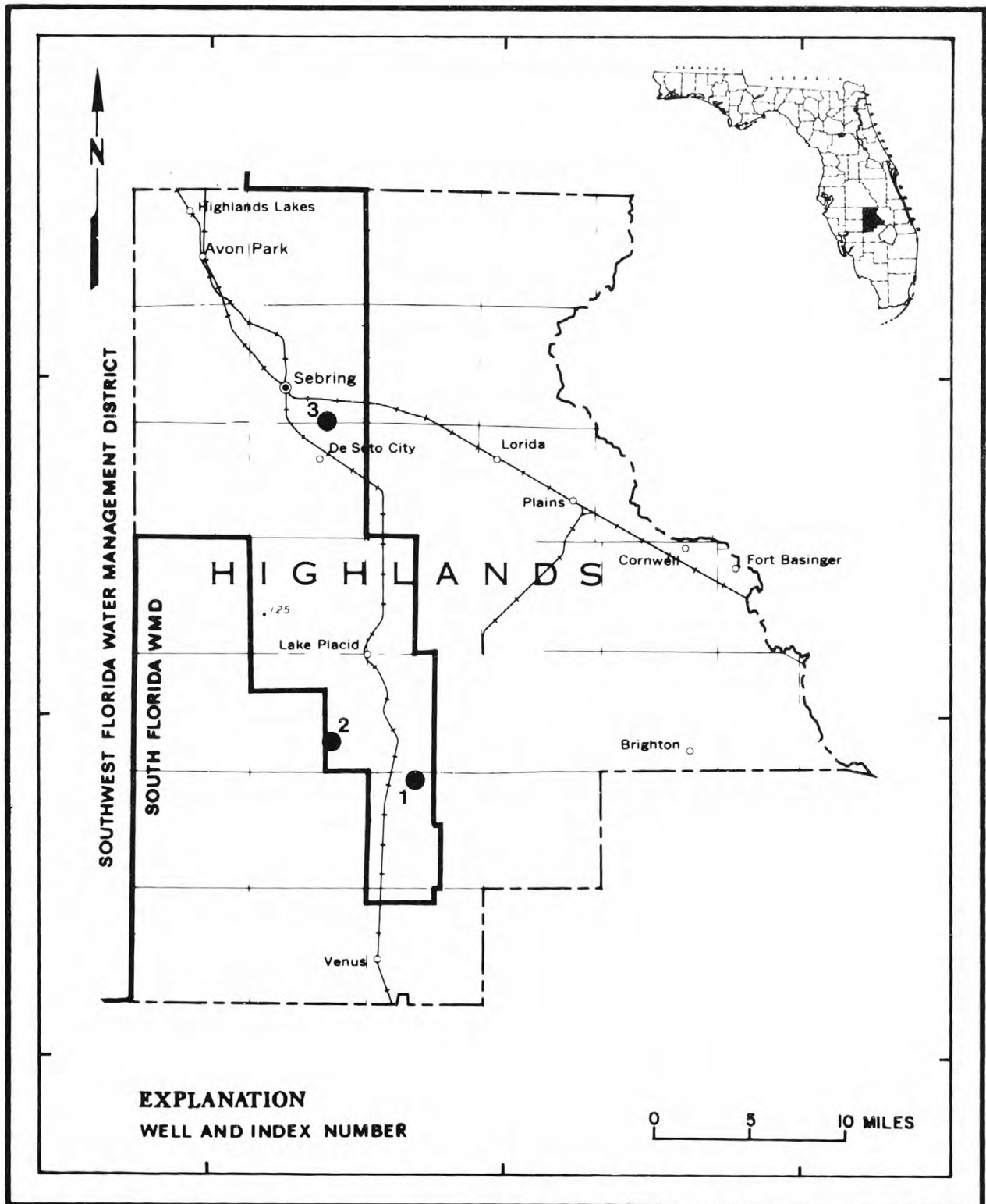


Figure 9. Location of wells in Highlands County.

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HIGHLANDS COUNTY

WELL NUMBER.--271226081194301. Local Number 712-119-01. Observation Well H14A near Lake Placid, FL.

LOCATION.--Lat 27°12'26", long 81°19'43", in NW¼NE¼NW¼ sec.4, T.38 S., R.30 E., Hydrologic Unit 03090101, on east side of U.S. Highway 27, 600 ft (183 m) south of intersection with State Road 70, and 6.9 mi (11.1 km) south 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 35 ft (11 m), cased to 28 ft (8 m), gravel-packed screen from 28 ft (8 m) to 35 ft (11 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.30 ft (1.01 m) above land-surface datum.

DATUM.--Land-surface datum is 136.01 ft (41.46 m) National Geodetic Vertical Datum of 1929.

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. Water levels for period Nov. 4 to Dec. 17 were estimated from nearby well 271559081242501.

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, 128.36 ft (39.12 m) NGVD, Sept. 30, 1979, water level rising; lowest, 113.93 ft (34.72 m) NGVD, May 28-30, 1977.

ELEVATION, IN 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	124.35	124.15	123.80	123.53	124.45	123.97	123.66	123.09	122.78	122.40	124.32	125.59
10	124.38	124.25	123.65	123.51	124.35	123.97	123.54	123.03	122.72	122.38	124.57	125.48
15	124.54	124.20	123.50	124.48	124.28	123.93	123.44	122.97	122.66	123.32	125.30	125.95
20	124.58	124.05	123.45	124.73	124.20	123.88	123.37	122.90	122.58	124.37	125.35	127.28
25	124.49	123.90	123.37	124.64	124.11	123.84	123.28	122.88	122.50	124.55	125.20	127.80
EOM	124.26	123.80	123.47	124.56	124.06	123.73	123.18	122.82	122.47	124.41	125.14	128.36
MAX	124.58	124.25	123.85	124.73	124.51	124.04	123.72	123.16	122.61	124.55	125.36	128.36
WTR YR 1979	MEAN	124.06	MAX	128.36	SEP 30	MIN	122.36	JUL 11				

WELL NUMBER.--271559081242501. Local Number 715-124-01. Observation Well H440A near Lake Placid, FL.

LOCATION.--Lat 27°15'59", long 81°24'25", in NW¼NE¼NW¼ sec.15, T.37 S., R.29 E., Hydrologic Unit 03090101, on south side of Lake Groves Road, 0.5 mi (0.8 km) west of Jefferson Avenue, and 4.0 mi (6.4 km) southwest 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 23 ft (7 m), cased to 13 ft (4 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 115.56 ft (35.22 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, 115.68 ft (35.26 m) NGVD, Sept. 10, 1960; lowest, 106.91 ft (32.59 m) NGVD, May 14, 1975.

ELEVATION, IN 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	112.56	111.78	111.77	111.91	112.31	112.15	111.71	111.26	111.20	111.82	112.44	113.94
10	112.33	112.11	111.55	111.75	112.19	112.50	111.62	111.72	111.09	111.86	113.55	114.60
15	112.21	111.88	111.43	112.71	112.08	112.23	111.53	111.68	111.31	112.93	113.01	115.07
20	112.10	111.71	111.35	112.37	111.99	112.06	111.41	111.49	111.09	113.10	113.17	113.52
25	111.99	111.62	111.30	112.83	112.25	111.94	111.55	111.51	111.05	112.83	112.99	115.12
EOM	111.89	111.52	111.94	112.56	112.21	111.80	111.34	111.31	111.81	112.49	113.35	115.19
MAX	112.81	112.16	111.96	112.98	112.49	112.68	111.79	111.73	111.87	113.43	113.75	115.23
WTR YR 1979	MEAN	112.20	MAX	115.23	SEP 28	MIN	111.02	JUN 26				

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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## HIGHLANDS COUNTY

WELL NUMBER.--272746081232701. Local Number 727-123-01. Observation Well H10 near Sebring, FL.

LOCATION.--Lat 27°27'46", long 81°23'27", in NE¼NW¼SE¼ sec.2, T.35 S., R.29 E., Hydrologic Unit 03090101, on south side of State Road 632, 0.9 mi (1.4 km) east of State Road 17, and 4.0 mi (6.4 km) southeast of Sebring.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian well, diameter 6 in (15 cm), depth 45 ft (14 m), cased to 41 ft (12 m), gravel-packed screen from 41 ft (12 m) to 45 ft (14 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 117.80 ft (35.90 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels for period Oct. 25 to Dec. 20 were estimated from nearby well 273751081155801 and lake 02271700.

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, 94.53 ft (28.81 m) NGVD, Sept. 17, 1960; lowest, 82.63 ft (25.18 m) NGVD, July 13, 1977.

ELEVATION IN 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	86.76	86.50	86.55	86.27	86.54	85.95	85.89	85.85	85.74	85.74	85.29	85.10
10	87.38	86.70	86.60	86.23	86.55	85.95	85.51	85.85	85.77	85.49	85.28	85.73
15	87.55	86.80	86.65	86.20	86.48	86.05	85.42	85.82	85.73	85.44	85.25	85.01
20	87.51	86.60	86.50	86.34	86.00	85.62	85.54	85.41	85.73	85.41	85.21	85.15
25	87.35	85.40	86.37	86.41	86.16	85.73	85.25	85.74	85.64	85.25	85.22	86.39
EOM	86.80	86.30	86.30	86.50	86.19	85.93	85.72	85.74	85.60	85.41	85.14	85.77
MAX	87.61	86.80	86.65	86.50	86.55	86.17	85.99	85.87	85.77	85.54	85.31	85.59
WTR YR 1979	MEAN	86.04	MAX	87.61	OCT 20 AND OTHERS				MIN	84.99	SEP	

WATER RESOURCES DATA FOR FLORIDA, 1979  
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KEY TO SITE LOCATIONS ON FIGURE 10  
HILLSBOROUGH COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER	INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	274031082150401	80	31	280116082210101	117
2	274114082303701	80	32	280122082214701	118
3	274240082212701	81	33	280142082195901	118
3	274240082212702	81	33	280142082210901	119
4	274421082275401	82	33	280144082212201	119
5	274427082083701	83	34	280145082132501	120
5	274427082083702	83	35	280148082203801	120
5	274427082083703	84	35	280203082202301	121
6	274428082251501	84	36	280209082280301	121
6	274455082252201	85	37	280229082200201	122
7	274546082151401	85	37	280230082205601	122
8	274722082200701	86	37	280241082231401	123
9	274837082232901	86	37	280243082203701	123
10	274857082195301	87	38	280352082210201	124
11	275130082194501	87	39	280354082381901	124
12	2751520822035801	88	40	280414082195201	125
13	275215082201901	88	40	280446082302501	125
14	275337082155401	89	41	280504082365501	126
15	275402082222702	89	42	280548082355701	126
16	275627082150801	90	43	280550082202901	127
17	275653082231101	90	44	280550082355002	127
17	275701082230301	91	45	280605082184101	128
17	275701082230302	91	45	280605082184102	128
17	275701082230303	92	46	280607082353001	129
17	275701082230304	92	47	280612082200802	129
18	275724082221001	93	48	280627082200801	130
18	275725082221101	93	48	280627082200802	130
18	275728082222801	94	48	280631082193802	131
19	2758020822044701	94	49	280631082203302	131
20	275814082214001	95	49	280639082211001	132
21	275817082325001	96	49	280642082195801	132
21	275817082325002	96	50	280649082191402	133
22	275843082222201	97	51	280651082202502	133
23	275846082210401	97	51	280651082204302	134
23	275856082210301	98	52	280652082195101	134
23	275858082215201	98	52	280655082193001	135
24	275906082203901	99	52	280655082193002	135
24	275906082204901	99	53	280659082175201	136
24	275906082205601	100	54	280659082294302	136
24	275906082205901	100	55	280702082302801	137
24	275906082211001	101	56	280703082341701	137
24	275906082211002	101	57	280715082382801	138
24	275906082212001	102	58	280728082301101	138
25	275910082213601	102	58	280732082305801	139
25	275913082220801	103	59	280739082294202	139
26	280001082324101	103	60	280740082271001	140
27	2800120822204901	104	60	280740082271002	140
27	2800220822205401	105	61	280752082182701	141
27	280022082210501	110	62	280752082262601	141
28	280030082190801	106	63	280802082085801	142
28	280033082200501	106	64	280833082343601	142
28	280035082181001	107	64	280839082385001	143
28	280038082204201	107	65	280846082134601	143
29	280038082340201	108	66	280859082293601	144
28	280044082212601	109	66	280859082293602	144
29	280053082350201	110	67	280901082310404	145
29	280053082350202	110	68	280915082382801	145
28	280055082203801	111	69	280916082310502	146
28	280055082222701	111	69	280917082312301	146
30	280056082362701	112	70	280920082322101	147
28	280058082202201	113	71	280944082380501	147
28	280058082202202	113	70	280946082310403	148
28	280102082221801	114	72	280949082384001	148
31	280103082210901	114	72	280956082381801	149
31	280105082222801	115	72	281017082380902	149
31	280112082270101	115	72	281017082380903	150
31	280116082201501	116	73	281019082310701	151
31	280116082202601	116	73	281019082310702	151
31	280116082205301	117	74	281022082385501	152



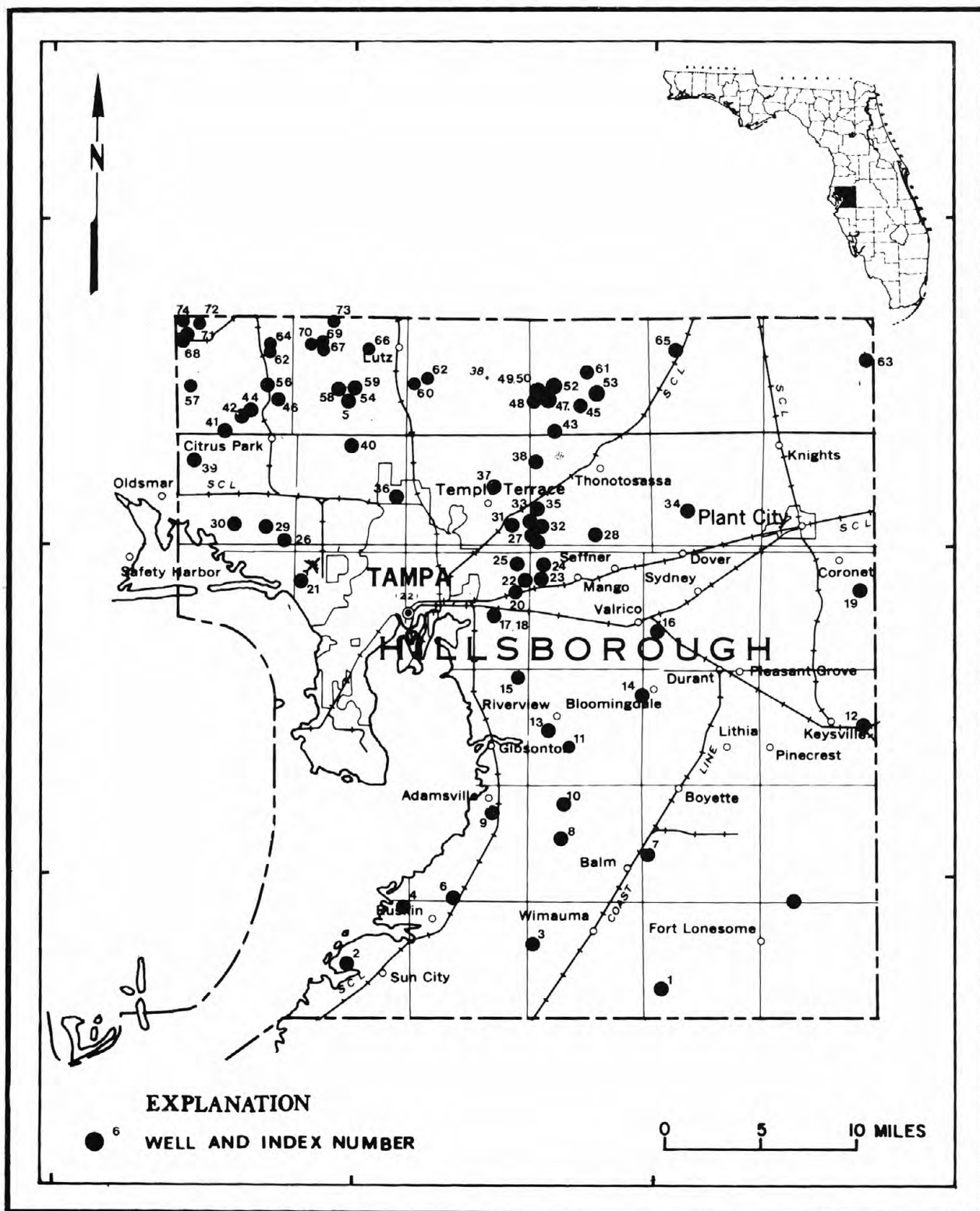


Figure 10. Location of wells in Hillsborough County

## HILLSBOROUGH COUNTY

WELL NUMBER.--274031082150401. ROMP Deep Well 123 near Wimauma, FL.

LOCATION.--Lat 27°40'31", long 82°15'04", in NW¼NW¼ sec.30, T.32 S., R.21 E., Hydrologic Unit 03100203, 0.6 mi (1.0 km) west of Hobbs Road, 2.0 mi (3.2 km) south of State Highway 674, and 3.9 mi (6.3 km) southeast of Wimauma.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 620 ft (189 m), cased to 117 ft (36 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.5 ft (0.8 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 52 ft (16 m), from topographic map.

PERIOD OF RECORD.--June 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 32.28 ft (9.84 m) NGVD, Aug. 21, 1978; lowest, 1.04 ft (0.32 m) below NGVD, Apr. 29, 1978.

ELEVATION, IN 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	26.09	16.93	14.00	19.64	26.14	22.77	11.60	5.00	14.67	21.44	25.30	29.06
10	24.77	16.43	14.49	21.79	25.99	25.16	8.70	8.00	15.60	22.84	22.70	29.30
15	24.60	15.24	14.32	23.49	23.63	24.54	5.20	10.70	16.98	24.00	23.50	30.20
20	22.88	12.40	14.18	25.37	20.83	20.21	1.40	11.50	16.04	24.90	24.50	30.66
25	19.20	12.56	14.70	26.24	21.61	18.75	-0.60	11.54	18.27	26.16	26.72	31.29
EOM	19.05	11.70	18.39	27.15	22.53	14.60	1.30	12.28	20.02	26.04	27.88	32.25
MEAN	23.24	14.70	14.52	23.53	23.66	21.39	5.39	9.21	16.45	23.95	25.09	30.22
MAX	26.18	18.80	18.39	27.15	26.37	25.62	14.00	12.28	20.02	26.28	27.88	32.25
MIN	19.05	11.29	11.74	17.08	20.15	14.60	-0.90	2.59	12.83	20.36	22.60	28.14
WTR YR 1979 MEAN	19.27			32.25	SEP 30	MIN	-0.90	APR 24				

NOTE.--Record estimated Mar. 30 to May 22, Aug. 3-21, Sept. 6-19.

WELL NUMBER.--274114082303701. Claprod Well near Ruskin, FL.

LOCATION.--Lat 27°41'14", long 82°30'37", in NE¼NW¼ sec.21, T.32 S., R.18 E., Hydrologic Unit 03100206, on Cockroach Road, 2.4 mi (3.9 km) west of U. S. Highway 41, and 3.5 mi (5.6 km) south of Ruskin.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 8 in (20 cm), depth 500 ft (152 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of coupling, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 5.74 ft (1.75 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--November 1950 to December 1959 (fragmentary); September 1960 to December 1961 (monthly), incomplete; January 1962 to August 1971 (bimonthly), incomplete; September 1975 to September 1976 (fragmentary); October 1976 to September 1977 (monthly); October 1977 to current year (bimonthly). Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1977, published as Claprod Well near Ruskin.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23 ft (7.0 m) NGVD, Mar. 6, 1958; lowest measured, 4.17 ft (1.27 m) NGVD, May 13, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			JUN , 1979		
07...	0934	9.44	27...	1330	11.72
JAN , 1979			AUG		
10...	1210	9.95	28...	1030	15.42
MAR			SEP		
15...	1315	14.03	19...	1325	16.24
MAY					
02...	1455	7.73			
16...	1450	12.32			

## HILLSBOROUGH COUNTY

WELL NUMBER.--274240082212701. ROMP Deep Well No. 50 near Wimauma, FL.

LOCATION.--Lat 27°42'40", long 82°21'27", in NW¼SE¼ sec.12, T.32 S., R.19 E., Hydrologic Unit 03100203, 0.2 mi (0.3 km) south of State Highway 674, and 3.5 mi (5.6 km) west of Wimauma.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 to 6 in (20 to 15 cm), depth 562 ft (171 m), cased to 200 ft (61 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.44 ft (0.74 m) above land-surface datum.

DATUM.--Land-surface datum is 44.00 ft (13.41 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.57 ft (6.57 m) NGVD, Sept. 30, 1979, water level rising; lowest, 12.80 ft (3.90 m) below NGVD, May 25, 1977.

ELEVATION, IN 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	13.83	7.65	7.37	13.42	15.84	14.13	2.58	-1.99	6.18	11.75	12.02	19.14
10	12.05	9.13	8.54	14.78	15.26	16.78	.67	4.07	4.79	13.55	13.44	18.58
15	13.08	6.84	7.63	16.36	12.22	14.53	-1.52	8.21	7.94	14.30	15.36	19.79
20	11.03	5.84	6.42	16.83	9.66	9.22	-4.72	7.88	6.18	15.39	16.09	20.03
25	8.37	4.68	8.09	17.84	12.25	9.33	-2.10	5.97	9.46	16.33	17.52	20.72
EOM	9.64	4.36	12.78	17.38	14.30	4.60	-1.43	5.15	11.22	14.78	17.93	21.57
MEAN	11.48	6.86	7.93	15.99	13.28	11.91	-0.69	4.28	7.25	14.19	15.20	19.75
MAX	14.68	10.08	12.78	17.92	17.26	17.11	4.01	9.05	11.22	16.33	17.93	21.57
MIN	7.69	4.36	4.66	13.34	8.85	4.60	-5.36	-2.53	4.60	11.38	11.92	18.28
WTR YR 1979	MEAN	10.62	MAX	21.57	SEP 30	MIN	-5.36	APR 22				

WELL NUMBER.--274240082212702. ROMP Shallow Well No. 50 near Wimauma, FL.

LOCATION.--Lat 27°42'40", long 82°21'27", in NW¼SE¼ sec.12, T.32 S., R.19 E., Hydrologic Unit 03100203, 0.2 mi (0.3 km) south of State Highway 674, and 3.5 mi (5.6 km) west of Wimauma.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in (20 cm), depth 37.5 ft (11.4 m), cased to 37.5 ft (11.4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.10 ft (0.94 m) above land-surface datum.

DATUM.--Land-surface datum is 43.96 ft (13.40 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 43.79 ft (13.35 m) NGVD, Sept. 22, 23, 1977; lowest, 39.94 ft (12.17 m) NGVD, May 30, 1977.

ELEVATION, IN 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	41.71	41.27	41.07	41.94	41.65	41.73	41.23	40.78	41.21	41.51	41.12	42.28
10	41.43	41.27	41.05	41.78	41.65	42.03	41.10	41.77	41.04	41.69	41.62	41.92
15	41.56	41.23	41.00	42.28	41.54	41.67	41.00	41.87	41.25	41.56	42.07	42.93
20	41.34	41.09	40.87	41.87	41.44	41.45	40.84	41.63	40.93	41.78	42.58	42.17
25	41.23	41.04	41.81	42.30	42.21	41.49	41.03	41.47	41.64	41.54	42.71	42.99
EOM	41.47	41.06	41.91	41.79	41.85	41.29	40.84	41.44	41.54	41.24	42.99	42.79
MEAN	41.47	41.18	41.24	42.07	41.68	41.68	41.02	41.47	41.29	41.56	42.14	42.59
MAX	41.85	41.43	42.28	43.01	42.21	42.53	41.27	42.17	41.80	41.89	43.13	43.24
MIN	41.19	40.98	40.85	41.73	41.44	41.29	40.78	40.73	40.93	41.24	41.12	41.92
WTR YR 1979	MEAN	41.62	MAX	43.24	SEP 22	MIN	40.73	MAY 6				

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--274421082275401. ROMP Transect Deep Well 9-1 near Ruskin, FL.

LOCATION.--Lat 27°44'21", long 82°27'54", in NW¼SW¼ sec.36, T.31 S., R.18 E., Hydrologic Unit 03100206, at Simmons Park, 2.2 mi (3.5 km) northwest of Ruskin.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 288 ft (88 m), cased to 124 ft (38 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 8.5 ft (2.6 m) above land-surface datum. Prior to Mar. 6, 1978, hole in 8 in (20 cm) cap, 8.8 ft (2.7 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 4 ft (1.2 m), from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.09 ft (4.29 m) NGVD, Sept. 19, 1979; lowest measured, 5.81 ft (1.77 m) NGVD, May 12, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1411	10.83	16...	1415	11.16
NOV			31...	1100	9.63
06...	1446	9.85	JUN		
30...	1450	8.59	25...	1320	10.89
JAN , 1979			JUL		
08...	1600	12.45	25...	1510	12.70
FEB			AUG		
07...	1245	12.34	28...	1000	13.15
MAR			SEP		
15...	1145	11.69	19...	1245	14.09
APR					
06...	1200	8.22			
30...	1540	8.13			

## HILLSBOROUGH COUNTY

WELL NUMBER.--274427082083701. ROMP 48 Floridan Well near Ft. Lonesome, FL.

LOCATION.--Lat 27°44'27", long 82°08'37", in NW¼SE¼ sec.31, T.31 S., R.22 E., Hydrologic Unit 03100204, 0.25 mi (0.40 km) east of State Highway 39, and 2.4 mi (3.8 km) north of Ft. Lonesome.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 to 6 in (20 to 15 cm), depth 541 ft (165 m), cased to 215 ft (66 m).

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

DATUM.--Land-surface datum is 101.04 ft (30.80 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby industrial wells.

PERIOD OF RECORD.--March 1976 to current year. Prior to October 1977, published as ROMP Deep Well No. 48 near Ft. Lonesome.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 48.09 ft (14.66 m) NGVD, Sept. 30, 1979, water level rising; lowest, 11.92 ft (3.63 m) NGVD, May 27, 1977.

ELEVATION, IN 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	43.31	37.31	32.47	34.59	42.40	42.00	34.65	24.80	33.49	38.37	40.75	44.59
10	43.30	36.26	32.64	36.96	42.52	42.83	31.90	25.63	34.00	38.50	41.11	45.33
15	43.09	35.34	32.71	38.39	42.53	43.42	29.29	28.56	34.67	38.93	42.55	45.97
20	42.17	35.35	32.05	39.48	41.91	42.86	26.05	29.12	35.15	39.70	43.33	46.54
25	41.41	33.65	31.41	40.85	41.77	40.60	23.90	30.51	35.73	40.81	43.82	47.26
EOM	38.89	32.34	32.96	42.15	41.54	37.14	23.90	31.31	37.27	40.80	44.07	48.09
MEAN	42.19	35.44	32.25	38.26	42.13	41.59	29.24	27.94	34.68	39.23	42.45	46.05
MAX	43.31	38.53	32.96	42.15	42.62	43.45	36.83	31.31	37.31	40.81	44.07	48.09
MIN	38.89	32.34	31.08	33.31	41.54	37.14	23.60	24.10	32.03	37.46	40.67	44.24
WTR YR 1979	MEAN	37.60	MAX	48.09	SEP 30	MIN	23.60	APR 27	AND OTHERS			

WELL NUMBER.--274427082083702. ROMP 48 Hawthorn Well near Ft. Lonesome, FL.

LOCATION.--Lat 27°44'27", long 82°08'37", in NW¼SE¼ sec.31, T.31 S., R.22 E., Hydrologic Unit 03100204, 0.25 mi (0.40 km) east of State Highway 39, and 2.4 mi (3.8 km) north of Ft. Lonesome.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 to 6 in (20 to 15 cm), depth 61 ft (19 m), cased to 45 ft (14 m).

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

DATUM.--Land-surface datum is 101.10 ft (30.82 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1976 to current year. Prior to October 1977, published as ROMP Shallow Well No. 48 near Ft. Lonesome.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 97.56 ft (29.74 m) NGVD, Sept. 27, 28, 1979; lowest, 89.43 ft (27.26 m) NGVD, May 5, 1978.

ELEVATION, IN 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	94.48	93.42	92.51	92.39	93.70	93.14	93.07	92.09	93.64	93.74	93.70	95.12
10	94.26	93.27	92.37	92.48	93.62	93.64	92.92	92.62	93.38	93.67	93.49	94.99
15	94.22	93.09	92.21	93.36	93.49	93.76	92.73	93.42	93.85	93.55	94.02	95.96
20	94.05	92.94	92.10	93.62	93.36	93.69	92.51	93.58	93.74	94.00	94.18	95.94
25	93.86	92.79	92.05	93.73	93.32	93.55	92.39	93.53	93.89	94.11	94.91	97.20
EOM	93.61	92.61	92.15	93.81	93.26	93.31	92.21	93.57	93.87	93.99	95.03	97.54
MEAN	94.14	93.09	92.25	93.14	93.51	93.51	92.71	93.03	93.71	93.85	94.17	95.99
MAX	94.63	93.58	92.59	93.81	93.77	93.76	93.28	93.59	93.89	94.11	95.09	97.56
MIN	93.61	92.61	92.01	92.15	93.26	93.14	92.21	92.05	93.33	93.55	93.49	94.99
WTR YR 1979	MEAN	93.59	MAX	97.56	SEP 27	AND OTHERS	MIN	92.01	DEC 27			



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--274427082083703. ROMP 48 Avon Park Well near Ft. Lonesome, FL.

LOCATION.--Lat 27°44'27", long 82°08'37", in NW¼SE¼ sec.31, T.31 S., R.22 E., Hydrologic Unit 03100204, 0.25 mi (0.40 km) east of State Highway 39, and 2.4 mi (3.8 km) north of Ft. Lonesome.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 to 6 in (20 to 15 cm), depth 815 ft (248 m), cased to 780 ft (238 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 1.71 ft (0.06 m) above land-surface datum.

DATUM.--Land-surface datum is 102.06 ft (31.11 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 46.23 ft (14.09 m) NGVD, Sept. 30, 1979, water level rising; lowest, 21.46 ft (6.54 m) NGVD, Apr. 25, 1979.

ELEVATION, IN 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	41.19	35.15	30.42	32.57	40.33	39.90	32.44	22.04	31.48	36.38	38.97	42.75
10	41.14	34.14	30.68	34.90	40.43	40.74	29.83	23.61	32.11	36.73	39.14	43.51
15	40.87	33.19	30.79	36.37	40.47	41.34	27.24	26.72	32.73	37.29	40.55	44.14
20	40.03	32.93	30.19	37.58	39.86	40.67	23.99	28.70	33.28	38.11	41.35	44.73
25	39.23	31.35	29.49	38.80	39.67	38.62	21.46	29.70	33.77	39.08	41.93	45.42
EOM	36.71	30.17	31.09	40.12	39.49	35.14	21.65	31.20	35.35	39.21	42.27	46.23
MEAN	40.03	33.19	30.28	36.27	40.07	39.51	27.10	26.50	32.85	37.53	40.57	44.22
MAX	41.19	36.31	31.09	40.12	40.52	41.39	34.84	31.20	35.35	39.21	42.27	46.23
MIN	36.71	30.17	28.99	31.48	39.49	35.14	21.46	21.79	31.30	35.54	38.93	42.42
WTR YR 1979	MEAN	35.66	MAX	46.23	SEP 30	MIN	21.46	APR 25				

WELL NUMBER.--274428082251501. ROMP Transect Shallow Well 9-3 near Ruskin, FL.

LOCATION.--Lat 27°44'28", long 82°25'15", in NE¼SE¼ sec.32, T.31 S., R.19 E., Hydrologic Unit 03100206, 80 ft (25 m) east of U. S. Highway 41, and 1.6 mi (2.6 km) northeast of Ruskin.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 6 in (15 cm), depth 25 ft (8 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of coupling (corrected), 2.8 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 8 ft (2.4 m), from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.19 ft (2.19 m) NGVD, Mar. 10, 1978; lowest measured, 1.02 ft (0.31 m) below NGVD, June 1, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEVATION (FT. NGVD) (72020)	DATE	TIME	ELEVATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1403	3.88	16...	1400	4.28
NOV			31...	1040	2.90
06...	1430	3.49	JUN		
30...	1410	2.54	25...	1425	3.67
JAN , 1979			JUL		
08...	1445	6.55	25...	1445	4.87
FEB			AUG		
07...	1230	6.48	28...	0900	6.54
MAR			SEP		
15...	1100	5.95	19...	1230	6.72
APR					
06...	1145	2.88			
30...	1545	1.73			



## HILLSBOROUGH COUNTY

WELL NUMBER.--274455082252201. Council Deep Well near Ruskin, FL.

LOCATION.--Lat 27°44'55", long 82°25'22", in NW¼NE¼ sec.32, T.31 S., R.19 E., Hydrologic Unit 03100206, 0.9 mi (1.4 km) west of U. S. Highway 41, and 3.2 mi (5.1 km) north of Ruskin.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 6 in (15 cm), depth 500 ft (152 m), cased to 34 ft (10 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 9.00 ft (2.74 m) above land-surface datum.

DATUM.--Land-surface datum is 5.95 ft (1.81 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--July 1950 to current year, incomplete. 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, 18.98 ft (5.79 m) NGVD, Sept. 6, 1950; lowest, 4.30 ft (1.31 m) below NGVD, May 27, 1977.

ELEVATION, IN 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	8.99	5.74	6.89	9.00	10.14	9.83	3.13	.74	5.72	7.90	7.18	11.17
10	7.57	7.29	6.88	9.73	8.93	10.94	1.85	5.72	5.01	8.85	8.90	9.65
15	9.30	5.51	5.83	10.72	8.60	8.68	-0.02	7.27	5.90	9.07	9.40	11.61
20	6.50	5.33	5.40	10.76	6.84	6.26	-0.97	5.46	6.00	9.87	9.80	10.88
25	6.35	4.50	7.18	11.13	9.21	8.01	1.83	5.99	7.52	10.35	10.40	11.96
EOM	7.99	3.90	9.25	11.06	9.68	3.83	2.23	5.43	8.09	8.12	10.75	12.24
MEAN	7.69	5.60	6.64	10.44	8.80	8.20	1.35	4.83	6.18	9.02	9.26	11.33
MAX	10.02	7.86	9.25	11.30	10.55	11.03	3.59	7.28	8.09	10.35	10.75	12.24
MIN	5.43	3.90	4.48	7.92	6.17	3.83	-1.38	.50	5.01	7.86	6.92	9.65
WTR YR 1979	MEAN	7.45	MAX	12.24	SEP 30	MIN	-1.38	APR 22				

WELL NUMBER.--274546082151401. ROMP Deep Well 49 at Balm, FL.

LOCATION.--Lat 27°45'46", long 82°15'14", in NE¼NE¼ sec.25, T.31 S., R.20 E., Hydrologic Unit 03100206, 250 ft (75 m) southwest of intersection State Highway 672 and Boyette-Balm Road, and 0.6 mi (1.0 km) northeast of Balm.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 620 ft (189 m), cased to 195 ft (59 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.13 ft (0.95 m) above land-surface datum. Prior to Nov. 14, 1978, top of recorder shelter floor, 3.20 ft (0.98 m) above land-surface datum.

DATUM.--Land-surface datum is 143.00 ft (43.59 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 34.80 ft (10.61 m) NGVD, Sept. 30, 1979, water level rising, lowest, 6.34 ft (1.93 m) below NGVD, May 31, 1977.

ELEVATION, IN 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	25.61	17.30	15.20	22.20	29.20	25.88	14.05	6.05	16.89	24.20	26.29	31.85
10	24.70	17.50	15.70	24.20	29.18	28.06	10.41	10.16	16.73	25.84	25.39	32.20
15	24.70	17.37	16.20	26.52	25.57	28.24	7.16	13.75	18.74	27.02	27.50	32.84
20	22.60	15.59	15.70	28.35	22.63	23.20	3.67	14.65	18.16	28.20	28.43	33.42
25	19.50	13.63	16.70	29.17	23.90	21.70	3.66	14.90	20.46	29.13	29.48	33.78
EOM	20.40	13.00	21.05	30.10	25.41	17.60	4.72	15.29	22.65	29.49	30.49	34.80
MEAN	23.29	16.09	16.15	26.38	26.36	24.47	8.06	11.83	18.39	26.99	27.93	32.86
MAX	26.46	19.00	21.05	30.10	30.07	28.79	16.90	15.29	22.65	29.62	30.49	34.80
MIN	19.50	13.00	13.30	20.90	22.22	17.60	1.88	5.55	15.65	23.05	25.36	30.94
WTR YR 1979	MEAN	21.56	MAX	34.80	SEP 30	MIN	1.88	APR 23				

## HILLSBOROUGH COUNTY

WELL NUMBER.--274722082200701. Carrol Well near Riverview, FL.

LOCATION.--Lat 27°47'22", long 82°20'07", in NE¼NE¼ sec.18, T.31 S., R.20 E., Hydrologic Unit 03100206, 25 ft (8 m) west of U. S. Highway 301, and 6.0 mi (9.7 km) south of Riverview.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 8 in (20 cm), depth 520 ft (158 m), cased to 58 ft (18 m).

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

DATUM.--Land-surface datum is 58.66 ft (17.88 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby wells.

PERIOD OF RECORD.--December 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, 23.31 ft (7.10 m) NGVD, Jan. 20, 1970; lowest, 7.80 ft (2.38 m) below NGVD, May 9, 1975.

ELEVATION, IN 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	13.44	8.06	7.95	13.05	14.81	13.66	8.10	1.13	6.68	11.50	13.19	19.20
10	11.93	9.07	9.12	14.44	14.29	16.18	6.20	5.51	6.26	13.10	13.86	18.10
15	13.22	7.35	8.28	15.75	12.07	13.70	4.30	8.77	8.38	14.30	15.51	19.70
20	11.31	6.30	6.94	16.24	9.29	11.70	2.00	8.41	7.61	15.30	15.72	19.90
25	9.62	5.89	8.31	17.14	12.20	12.90	-0.30	7.62	10.04	16.43	17.30	20.70
EOM	9.61	5.66	12.32	16.84	13.93	9.60	.62	6.54	10.70	15.49	17.86	21.40
MEAN	11.69	7.32	8.43	15.46	12.81	13.27	4.07	5.86	8.01	14.10	15.48	19.63
MAX	14.29	9.90	12.32	17.19	16.42	16.33	9.50	9.69	10.70	16.59	17.86	21.40
MIN	8.31	5.66	5.99	12.92	9.09	9.60	-0.60	.51	6.15	10.90	13.07	18.09
WTR YR 1979	MEAN	11.35	MAX	21.40	SEP 30	MIN	-0.60	APR 26				

NOTE.--Record estimated Mar. 15 to Apr. 29, June 28 to July 24, Sept. 4-30.

WELL NUMBER.--274837082232901. Kushmer Well at Adamsville, FL.

LOCATION.--Lat 27°48'37", long 82°23'29", in SW¼SE¼ sec.3, T.31 S., R.19 E., Hydrologic Unit 03100206, 0.5 mi (0.8 km) west of U. S. Highway 41 in Adamsville.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 6 in (15 cm), depth 145 ft (44 m), cased to 41 ft (12 m).

INSTRUMENTATION.--Pressure gage or tape measured. Measuring point: Top of coupling (corrected), at land-surface datum.

DATUM.--Altitude of land-surface datum is 5 ft (1.5 m), from topographic map.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--October 1950 to October 1955 (monthly); September 1958 to September 1977 (bimonthly), incomplete; October 1977 to current year (monthly). Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1976, published as Kushner Well at Adamsville.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.5 ft (4.4 m) NGVD, Oct. 9, 1950; lowest measured, 4.11 ft (1.25 m) below NGVD, May 2, 1967.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1300	4.24	16...	1300	4.08
NOV			31...	1005	2.27
06...	1624	2.33	JUN		
30...	1345	1.81	25...	1540	3.58
JAN , 1979			JUL		
11...	0810	4.96	25...	1510	6.20
FEB			AUG		
07...	1145	5.33	27...	1545	5.70
MAR			SEP		
15...	0905	4.81	19...	1135	6.57
APR					
06...	0955	1.94			
30...	1350	0.54			

## HILLSBOROUGH COUNTY

WELL NUMBER.--274857082195301. Riverview No. 3 Well near Riverview, FL.

LOCATION.--Lat 27°48'57", long 82°19'53", in SW¼ sec.5, T.31 S., R.20 E., Hydrologic Unit 03100206, 0.2 mi (0.3 km) east of U. S. Highway 301, and 3.5 mi (5.6 km) south of Riverview.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused public supply, artesian well, diameter 10 in (25 cm), depth 600 ft (183 m), cased to 210 ft (64 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.72 ft (0.83 m) above land-surface datum.

DATUM.--Land-surface datum is 60.79 ft (18.53 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--February 1976 to current year. Records prior to February 1976 were collected intermittently by Hillsborough County and the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 18.57 ft (5.66 m) NGVD, Sept. 29, 1979; lowest, 8.06 ft (2.46 m) below NGVD, May 21, 1977.

ELEVATION, IN 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	9.47	6.91	4.10	7.90	12.92	11.28	4.02	1.44	6.11	10.24	10.87	15.49
10	5.79	6.50	4.00	11.82	12.05	13.47	1.96	4.99	4.97	10.59	11.94	15.62
15	7.55	5.40	4.40	12.92	10.34	11.98	-2.28	8.12	6.97	12.10	13.33	16.95
20	8.95	4.30	4.20	13.00	8.44	9.40	-4.06	6.41	4.17	12.56	13.49	17.36
25	8.25	3.40	3.90	11.91	10.14	8.94	.73	6.96	6.26	14.09	14.47	17.74
EOM	6.21	3.30	6.40	14.17	10.90	5.63	1.53	5.77	9.38	12.23	15.36	18.48
MEAN	7.69	5.12	4.26	11.72	10.83	10.32	.78	5.36	6.30	11.69	12.96	16.48
MAX	10.65	6.91	6.40	14.61	13.68	13.63	5.06	8.99	9.38	14.09	15.36	18.57
MIN	4.97	3.20	3.40	6.90	7.49	5.63	-4.06	.89	4.17	8.71	10.33	14.53
WTR YR 1979	MEAN	8.62	MAX	18.57	SEP 29	MIN	-4.06	APR 20				

NOTE.--Record estimated Nov. 7 to Jan. 7.

WELL NUMBER.--275130082194501. Rivercrest Well at Riverview, FL.

LOCATION.--Lat 27°51'30", long 82°19'45", in SE¼ sec.20, T.30 S., R.20 E., Hydrologic Unit 03100204, 500 ft (150 m) north of Gibson-ton Road, 700 ft (215 m) west of U. S. Highway 301, and 0.7 mi (1.1 km) south of Riverview.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused public supply, artesian well, diameter 8 in (20 cm), depth 178 ft (54 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 37.93 ft (11.56 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--July 1971 to current year, incomplete. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 16.93 ft (5.16 m) NGVD, Sept. 30, 1979; 1978; lowest, 3.49 ft (1.06 m) NGVD, May 21, 1977.

ELEVATION, IN 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	11.14	9.43	9.71	10.19	11.85	11.50	9.56	8.47	10.18	10.65	11.44	14.16
10	11.01	9.55	9.74	10.53	11.53	12.57	9.09	10.25	10.05	11.55	11.86	14.35
15	11.37	9.29	8.99	11.70	11.20	12.15	8.45	11.57	9.95	12.37	12.88	14.90
20	11.26	8.90	8.83	12.44	10.88	11.18	7.40	11.82	9.51	12.70	12.91	15.33
25	10.71	8.89	9.08	12.27	10.98	10.92	7.73	10.86	10.17	12.95	13.34	16.28
EOM	9.83	8.66	10.32	12.27	10.97	10.18	7.98	10.30	10.77	12.27	13.69	16.93
MEAN	10.91	9.21	9.31	11.62	11.26	11.43	8.47	10.37	10.08	12.01	12.64	15.13
MAX	11.53	9.74	10.32	12.63	11.94	12.60	9.98	11.89	10.77	12.99	13.69	16.93
MIN	9.76	8.58	8.73	9.95	10.59	10.18	7.23	8.03	9.49	10.53	11.41	13.76
WTR YR 1979	MEAN	11.04	MAX	16.93	SEP 30	MIN	7.23	APR 22				

## HILLSBOROUGH COUNTY

WELL NUMBER.--275152082035801. Edison Junction Well near Keyville, FL.

LOCATION.--Lat 27°51'52", long 82°03'58", in NE¼NW¼ sec.24, T.30 S., R.27 E., Hydrologic Unit 03100204, 0.6 mi (1.0 km) west of Hillsborough-Polk county line at Edison Junction, and 2.0 mi (3.2 km) east of Keyville.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused industrial, artesian well, diameter 8 in (20 cm), depth 211 ft (64 m), cased to 65 ft (20 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 0.75 in (1.9 cm) drop pipe, 2.48 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 119.88 ft (36.54 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby industrial and irrigation wells.

PERIOD OF RECORD.--June 1957 to June 1961; January 1962 to September 1977 (bimonthly); October 1977 to current year (monthly). 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, 79.76 ft (23.31 m) NGVD, Aug. 12, Oct. 24, 1959; lowest measured, 25.19 ft (7.68 m) NGVD, May 13, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
13...	1415	55.80	03...	1340	44.43
NOV			14...	1305	46.81
01...	1340	53.80	JUN		
28...	1330	49.70	06...	1523	52.40
JAN , 1979			JUL		
10...	1505	50.78	03...	1020	56.10
FEB			AUG		
07...	1440	55.64	01...	1215	56.52
MAR			SEP		
07...	1420	56.02	06...	1445	58.24
APR			17...	1200	59.71
04...	1140	52.58			

WELL NUMBER.--275215082201901. U. S. Phosphoric Well at Riverview, FL.

LOCATION.--Lat 27°52'15", long 82°20'19", in NE¼SE¼ sec.18, T.30 S., R.20 E., Hydrologic Unit 03100204, 20 ft (6 m) south of Riverview Drive, and 0.7 mi (1.1 km) west of Riverview.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused private, artesian well, diameter 16 in (41 cm), depth 830 ft (253 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 12 in (30 cm) coupling, 0.83 ft (0.25 m) above land-surface datum.

DATUM.--Land-surface datum is 23.19 ft (7.07 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--September 1962 to September 1977 (bimonthly); October 1977 to current year (monthly), incomplete. 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, 14.30 ft (4.36 m) NGVD, Sept. 26, 1962; lowest measured, 2.09 ft (0.64 m) NGVD, May 11, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
06...	0910	4.44	16...	1215	6.47
30...	1546	4.12	31...	0900	5.02
JAN , 1979			JUN		
08...	0845	5.64	25...	0915	4.90
FEB			JUL		
07...	0930	6.63	25...	0910	7.06
MAR			AUG		
13...	0915	6.48	27...	1015	7.62
APR			SEP		
06...	0855	4.37	19...	0920	9.13
30...	0855	3.16			

## HILLSBOROUGH COUNTY

WELL NUMBER.--275337082155401. Bloomingdale Road Well near Bloomingdale, FL.

LOCATION.--Lat 27°53'37", long 82°15'54", in SE¼SW¼ sec.1, T.30 S., R.20 E., Hydrologic Unit 03100204, on north side of Bloomingdale Road, 1.3 mi (2.1 km) east of Bloomingdale, and 6.3 mi (10.1 km) northwest of Lithia.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 183 ft (56 m), cased to 168 ft (51 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, at land-surface datum.

DATUM.--Altitude of land-surface datum is 53 ft (16 m), from topographic map.

PERIOD OF RECORD.--August 1964 to September 1977 (bimonthly); October 1977 to current year (monthly). Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1977, published as Bloomingdale Road Well near Lithia.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.66 ft (6.30 m) NGVD, July 3, 1974; lowest measured, 8.68 ft (2.65 m) NGVD, Apr. 1, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
13...	0950	12.86	03...	1455	11.61
NOV			14...	1040	14.73
01...	1405	12.05	JUN		
29...	1555	11.15	06...	1445	13.27
JAN , 1979			JUL		
10...	1545	12.38	03...	1400	12.88
FEB			30...	1205	12.23
08...	1315	12.99	SEP		
MAR			17...	1026	18.40
07...	1500	14.17			
APR					
04...	1450	12.71			

WELL NUMBER.--275402082222702. ROMP TR 10-2 Shallow Well near Tampa, FL.

LOCATION.--Lat 27°54'02", long 82°22'27", in NW¼SE¼ sec.2, T.30 S., R.19 E., Hydrologic Unit 03100206, 69 ft (21 m) south of State Highway 676A, 1.6 mi (2.6 km) east of U. S. Highway 41, and 6.2 mi (3.9 km) southeast of Tampa.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 13.6 ft (4.1 m), cased to 13.6 ft (4.1 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of shelter floor, 4.0 ft (1.2 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 15 ft (4.6 m), from topographic map.

PERIOD OF RECORD.--September 1978 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.37 ft (4.38 m) NGVD, Jan. 8, 1979; lowest measured, 9.63 ft (2.94 m) NGVD, Sept. 18, 1978.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV			JUL		
13...	0405	10.10	05...	1532	10.34
JAN			10...	1015	11.36
08...	0810	14.37	AUG		
APR			02...	1152	10.59
06...	0928	11.05	07...	0945	10.60
MAY			15...	0952	13.16
21...	1322	12.65	17...	1355	12.81
JUN			SEP		
06...	1350	11.44	17...	1353	13.42



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--275627082150801. Turner Well near Brandon, FL.

LOCATION.--Lat 27°56'27", long 82°15'08", in SW¼SW¼ sec.19, T.29 S., R.21 E., Hydrologic Unit 03100205, 100 ft (30 m) east of Valrico Road, 500 ft (150 m) north of U. S. Highway 60, and 1.5 mi (2.4 km) east of Brandon.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 8 in (20 cm), depth 342 ft (104 m), cased to 60 ft (18 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.13 ft (0.95 m) above land-surface datum. Prior to Sept. 18, 1978, top of coupling, at land-surface datum.

DATUM.--Land-surface datum is 36.40 ft (11.09 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1963 to August 1978 (bimonthly); September 1978 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, 22.09 ft (6.73 m) NGVD, Sept. 21, 1963; lowest measured, 12.30 ft (3.75 m) NGVD, May 24, 1977.

ELEVATION, IN 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	15.57	14.17	13.80	14.29	15.24	15.08	14.57	13.89	16.04	12.80	16.41	19.05
10	15.42	14.06	13.85	14.42	15.12	16.07	14.25	15.48	15.00	13.70	16.58	19.20
15	15.43	13.88	13.78	15.20	14.96	15.70	13.89	16.92	13.60	14.90	17.56	20.14
20	15.15	13.76	13.65	15.29	14.73	15.35	13.42	16.75	12.70	15.90	17.55	20.50
25	14.65	13.55	13.80	15.46	15.01	15.34	13.86	16.44	12.40	16.70	18.38	21.00
DOM	14.40	13.38	14.27	15.54	15.16	14.88	13.87	16.32	12.40	16.74	18.75	21.80
MEAN	15.15	13.86	13.81	14.98	15.04	15.44	14.02	15.81	13.99	14.92	17.45	20.08
MAX	15.70	14.35	14.27	15.62	15.38	16.07	14.84	17.51	16.36	16.90	18.79	21.80
MIN	14.40	13.37	13.50	14.20	14.67	14.88	13.37	13.86	12.35	12.40	16.39	18.79
WTR YR 1979	MEAN	15.38	MAX	21.80	SEP 30	MIN	12.35	JUN 27	AND OTHERS			

WELL NUMBER.--275653082231101. USCE Well TBC-15 at Tampa, FL.

LOCATION.--Lat 27°56'53", long 82°23'11", in SE¼NE¼ sec.22, T.29 S., R.19 E., Hydrologic Unit 03100206, 3.8 mi (6.1 km) southwest of intersection Interstate 4 and U. S. Highway 301, and 4.3 mi (6.9 km) east of downtown post office at Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 72 ft (22 m), cased to 60 ft (18 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of coupling, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 7 ft (2.1 m), from topographic map.

PERIOD OF RECORD.--May 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.81 ft (2.08 m) NGVD, Sept. 19, 1979; lowest measured, 3.84 ft (1.17 m) NGVD, Dec. 14, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEVATION (FT. NGVD) (72020)	DATE	TIME	ELEVATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
01...	1555	5.03	14...	1255	6.22
DEC			JUL		
14...	1040	3.84	19...	1320	6.36
FEB , 1979			SEP		
21...	1135	5.12	19...	1130	6.81
APR					
11...	0915	4.51			



## HILLSBOROUGH COUNTY

WELL NUMBER.--275701082230301. USCE Well TBC-11 at Tampa, FL.

LOCATION.--Lat 27°57'01", long 82°23'03", in NW¼NW¼ sec.23, T.29 S., R.19 E., Hydrologic Unit 03100206, 3.5 mi (5.6 km) southwest of intersection Interstate 4 and U. S. Highway 301, and 4.5 mi (7.2 km) east of downtown post office at Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 30 ft (9 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 5 ft (1.5 m), from topographic map.

PERIOD OF RECORD.--August 1975 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.39 ft (1.03 m) NGVD, Sept. 14, 1975; lowest measured, 0.55 ft (0.17 m) NGVD, Dec. 14, 1978.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
01...	1206	1.34	14...	1015	2.88
DEC			31...	1754	1.95
14...	1111	0.55	JUL		
FEB , 1979			19...	1304	2.54
21...	1122	1.47	SEP		
APR			20...	1325	2.77
11...	0940	1.82			

WELL NUMBER.--275701082230302. USCE Well TBC-12 at Tampa, FL.

LOCATION.--Lat 27°57'01", long 82°23'03", in NW¼NW¼ sec.23, T.29 S., R.19 E., Hydrologic Unit 03100206, 3.5 mi (5.6 km) southwest of intersection Interstate 4 and U. S. Highway 301, and 4.5 mi (7.2 km) east of downtown post office at Tampa.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 10 ft (3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.5 ft (1.1 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 5 ft (1.5 m), from topographic map.

PERIOD OF RECORD.--August 1975 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.78 ft (1.15 m) NGVD, Mar. 1, 1977; lowest measured, 4.40 ft (1.34 m) below NGVD, Dec. 14, 1978.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
01...	1604	-3.45	14...	1013	1.53
DEC			31...	1753	-2.24
14...	1059	-4.40	JUL		
FEB , 1979			19...	1300	-0.63
21...	1151	-0.66	SEP		
APR			20...	1323	2.97
11...	1005	0.98			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--275701082230303. USCE Well TBC-13 at Tampa, FL.

LOCATION.--Lat 27°57'01", long 82°23'03", in NW¼NW¼ sec.23, T.29 S., R.19 E., Hydrologic Unit 03100206, 3.5 mi (5.6 km) southwest of intersection Interstate 4 and U. S. Highway 301, and 4.5 mi (7.2 km) east of downtown post office at Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 60 ft (18 m), cased to 31 ft (9 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 5 ft (1.5 m), from topographic map.

PERIOD OF RECORD.--November 1975 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.84 ft (1.17 m) NGVD, Sept. 19, 1977; lowest measured, 0.64 ft (0.20 m) NGVD, Dec. 14, 1978.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (720±0)	DATE	TIME	ELEV- ATION (FT. NGVD) (720±0)
NOV , 1978			MAY , 1979		
01...	1600	1.51	14...	1013	3.02
DEC			31...	1750	2.39
14...	1055	0.64	JUL		
FEB , 1979			19...	1255	2.69
21...	1150	1.65	SEP		
APR			20...	1322	2.92
11...	1010	1.91			

WELL NUMBER.--275701082230304. USCE Well TBC-16 at Tampa, FL.

LOCATION.--Lat 27°57'01", long 82°23'03", in NW¼NW¼ sec.23, T.29 S., R.19 E., Hydrologic Unit 03100206, 3.5 mi (5.6 km) southwest of intersection Interstate 4 and U. S. Highway 301, and 4.5 mi (7.2 km) east of downtown post office at Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 202 ft (62 m), cased to 181 ft (55 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 5 ft (1.5 m), from topographic map.

PERIOD OF RECORD.--May 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.41 ft (2.56 m) NGVD, Sept. 21, 1979; lowest measured, 4.75 ft (1.45 m) NGVD, June 15, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (720±0)	DATE	TIME	ELEV- ATION (FT. NGVD) (720±0)
NOV , 1978			MAY , 1979		
01...	1608	5.97	14...	1017	7.59
DEC			31...	1757	7.50
14...	1115	5.29	JUL		
FEB , 1979			19...	1306	7.72
21...	1153	6.30	SEP		
APR			21...	1335	8.41
11...	0955	5.80			

## HILLSBOROUGH COUNTY

WELL NUMBER.--275724082221001. Structure 160 Well near Tampa, FL.

LOCATION.--Lat 27°57'24", long 82°22'10", in NE¼SE¼ sec.14, T.29 S., R.19 E., Hydrologic Unit 03100206, on right bank 50 ft (15 m) upstream from structure S-160 on Tampa Bypass Canal, at southeastern city limits of Tampa, and 0.4 mi (0.6 km) north of State Highway 60.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, unused industrial, artesian well, diameter 10 in (25 cm), depth 240 ft (73 m), cased to 85 ft (26 m).

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

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

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--April 1971 to current year, incomplete. 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, 15.46 ft (4.71 m) NGVD, Sept. 30, 1979; lowest, 8.37 ft (2.55 m) NGVD May 5, 1971.

ELEVATION, IN 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	12.10	11.50	10.93	11.39	12.27	12.39	11.94	11.47	12.68	12.85	13.06	13.81
10	12.03	11.22	11.37	11.43	11.95	12.64	11.83	12.39	12.90	12.93	13.12	14.14
15	12.28	11.00	11.03	12.05	11.77	12.38	11.78	12.95	12.51	13.32	13.34	14.23
20	11.94	11.24	10.99	12.62	11.87	12.25	11.11	13.09	12.24	13.13	13.63	13.67
25	11.66	11.23	11.36	12.23	12.50	12.53	11.57	13.09	12.55	13.16	14.14	14.70
EOM	11.51	11.01	11.59	12.45	12.07	12.19	11.41	12.87	12.88	12.94	14.10	15.46
MEAN	12.01	11.23	11.17	12.03	12.07	12.32	11.65	12.53	12.61	13.07	13.51	14.33
MAX	12.50	11.50	11.59	12.65	12.50	12.70	12.32	13.22	13.04	13.48	14.19	15.46
MIN	11.51	10.97	10.93	11.30	11.77	12.05	11.11	11.28	12.15	12.39	12.91	13.67
WTR YR 1979	MEAN	12.38	MAX	15.46	SEP 30	MIN	10.93	DEC 5				

WELL NUMBER.--275725082221101. USCE Well TBC-17 at Tampa, FL.

LOCATION.--Lat 27°57'25", long 82°22'11", in SE¼SE¼ sec.14, T.29 S., R.19 E., Hydrologic Unit 03100206, 100 ft (30 m) west of canal and 100 ft (30 m) upstream from Structure S-160 on Tampa Bypass Canal, at southeastern city limits of Tampa, and 0.4 mi (0.6 km) north of State Highway 60.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 480 ft (146 m), cased to 470 ft (143 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 14.5 ft (4.4 m), from topographic map.

PERIOD OF RECORD.--May 1976 to September 1977 (monthly); October 1977 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.34 ft (4.98 m) NGVD, Sept. 17, 1979; lowest measured, 11.46 ft (3.49 m) NGVD, June 15, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
23...	1035	13.65	14...	1630	14.79
DEC			31...	1855	14.62
18...	0450	12.64	JUL		
JAN , 1979			19...	1103	14.97
29...	1045	14.02	SEP		
FEB			17...	1100	16.34
26...	0934	13.94			
APR					
13...	1130	13.17			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--275728082222801. Tampa Bypass Deep Well 624 at Tampa, FL.

LOCATION.--Lat 27°57'28", long 82°22'28", in NW¼SE¼ sec.14, T.29 S., R.19 E., Hydrologic Unit 03100206, 75 ft (23 m) west of Orient Road, 0.5 mi (0.8 km) north of State Highway 60, and 5.1 mi (8.2 km) east of downtown post office at Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused industrial, artesian well, diameter 10 in (25 cm), depth 136 ft (41 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of coupling, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 21.86 ft (6.66 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April 1967 to March 1972, incomplete; September 1973 to September 1976 (quarterly), incomplete; November 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly). Records of water levels prior to November 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.52 ft (5.95 m) Sept. 19, 1979; lowest measured, 12.11 ft (3.69 m) NGVD, Feb. 15, 1968.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
DEC , 1978			MAY , 1979		
14...	1130	16.56	14...	1737	18.55
FEB , 1979			JUL		
21...	1225	17.45	19...	1330	18.81
APR			SEP		
11...	1035	17.11	19...	1324	19.52

WELL NUMBER.--275802082044701. Fletcher Lett Well near Plant City, FL.

LOCATION.--Lat 27°58'02", long 82°04'47", in SW¼SE¼ sec.11, T.29 S., R.22 E., Hydrologic Unit 03100204, on north side of Trapnell Road, 2.6 mi (4.2 km) east of State Highway 39, and 3.0 mi (4.8 km) south of Plant City.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 8 in (20 cm), depth 530 ft (162 m), cased to 100 ft (30 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of access hole in pump base, 1.0 ft (0.3 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 124 ft (38 m), from topographic map.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--November 1963 to September 1977 (bimonthly), incomplete; October 1977 to current year (monthly). 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, 82.61 ft (25.18 m) NGVD, Nov. 12, 1970; lowest measured, 44.40 ft (13.53 m) NGVD, May 13, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			APR , 1979		
06...	0945	64.46	30...	1040	60.62
DEC			MAY		
06...	0900	62.80	14...	1835	62.85
JAN , 1979			30...	0945	67.87
05...	1500	64.39	JUL		
31...	1000	67.49	03...	0944	68.06
FEB			25...	0930	71.36
26...	0930	69.36	SEP		
MAR			07...	1515	73.96
27...	0955	69.16	17...	1635	74.85

## HILLSBOROUGH COUNTY

WELL NUMBER.--275814082214001. Tampa Bypass Deep Well 621 near Tampa, FL.

LOCATION.--Lat 27°58'14", long 82°21'40", in SE¼NW¼ sec.12, T.29 S., R.19 E., Hydrologic Unit 03100206, 75 ft (23 m) west of U. S. Highway 301, 1.7 mi (2.7 km) south of Interstate 4, and 6.1 mi (9.8 km) east of downtown post office in Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused private, artesian well, diameter 2 in (5 cm), depth 63 ft (19 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 1 in (2.5 cm) nipple, 0.7 ft (0.2 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 27 ft (8.2 m), from topographic map.

PERIOD OF RECORD.--September 1973 to September 1975 (quarterly), incomplete; November 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly). Records of water levels prior to November 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.75 ft (5.72 m) NGVD, Aug. 31, 1979; lowest measured, 14.73 ft (4.49 m) NGVD, June 15, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
DEC , 1978			JUL , 1979		
14...	1300	15.27	19...	1354	17.54
FEB , 1979			AUG		
21...	1310	16.14	31...	1410	18.75
APR			SEP		
11...	1210	15.84	17...	1150	18.57
MAY					
18...	0945	17.35			

## HILLSBOROUGH COUNTY

WELL NUMBER.--275817082325001. ROMP Deep Well 64 near Tampa, FL.

LOCATION.--Lat 27°58'17", long 82°32'50", in SW¼NE¼ sec.7, T.29 S., R.18 E., Hydrologic Unit 03100206, 100 ft (30 m) west of State Highway 589, 1.0 mi (1.6 km) southwest of Tampa International Airport, and 5.7 mi (9.2 km) west of Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 128 ft (39 m), cased to 123 ft (38 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.28 ft (1.00 m) above land-surface datum.

DATUM.--Land-surface datum is 6.36 ft (1.94 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by tidal fluctuations.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.46 ft (2.27 m) NGVD, Sept. 12, 1979; lowest, 4.55 ft (1.39 m) NGVD, Apr. 7, 1977.

ELEVATION, IN 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	5.96	5.87	6.20	5.29	5.54	6.11	5.40	5.21	5.63	5.74	5.92	6.84
10	5.64	5.47	5.80	5.32	4.67	5.95	5.59	6.12	5.84	6.24	6.25	6.32
15	5.96	5.71	5.50	5.24	5.30	5.57	5.26	6.04	5.55	5.80	6.19	7.05
20	5.77	5.43	5.60	6.69	5.46	5.61	5.07	5.55	5.26	5.97	6.59	6.73
25	5.35	5.51	5.90	5.95	6.32	6.21	6.11	6.09	5.56	6.41	6.55	6.81
EOM	5.51	5.89	5.87	6.00	5.55	5.62	5.28	5.94	5.60	5.67	6.42	7.03
MEAN	5.74	5.62	5.60	5.85	5.51	5.77	5.42	5.80	5.57	5.95	6.32	6.83
MAX	6.23	5.97	6.20	6.69	6.57	6.68	6.11	6.43	6.01	6.50	6.65	7.46
MIN	5.29	5.16	5.10	4.57	4.67	5.20	4.92	5.21	5.19	5.16	5.66	6.30
WTR YR 1979	MEAN	5.83	MAX	7.46	SEP 12	MIN	4.57	JAN 4				

WELL NUMBER.--275817082325002. ROMP Shallow Well 64 near Tampa, FL.

LOCATION.--Lat 27°58'17", long 82°32'50", in SW¼NE¼ sec.7, T.29 S., R.18 E., Hydrologic Unit 03100206, 100 ft (30 m) west of State Highway 589, 1.0 mi (1.6 km) southwest of Tampa International Airport, and 5.7 mi (9.2 km) west of Tampa.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 9 ft (3 m), cased to 7 ft (2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of nipple, 3.10 ft (0.94 m) above land-surface datum.

DATUM.--Land-surface datum is 6.36 ft (1.94 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January to April 1977 (bimonthly); April 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.80 ft (2.07 m) NGVD, May 8, 1979; lowest, 2.04 ft (0.62 m) NGVD, May 27, June 14, 1977.

ELEVATION, IN 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	3.13	3.07	3.37	3.69	3.54	3.93	3.20	2.52	3.24	3.24	3.14	4.49
10	2.82	2.98	3.07	3.73	3.48	3.90	3.17	4.64	2.96	3.65	3.82	3.50
15	3.27	2.82	2.78	3.89	3.37	3.56	2.76	4.50	2.78	3.67	4.07	4.70
20	2.76	2.71	2.69	3.83	3.27	3.36	2.53	3.51	2.61	3.53	4.87	3.78
25	2.59	2.63	3.01	4.05	5.67	3.50	2.99	5.09	2.49	4.07	4.99	5.57
EOM	3.47	2.61	3.61	3.71	3.82	3.11	2.60	3.65	2.94	3.27	4.97	4.29
MEAN	3.03	2.85	3.11	4.03	3.64	3.69	2.84	3.85	2.88	3.65	4.50	4.69
MAX	4.16	3.36	4.68	5.41	5.67	5.56	3.21	6.80	3.50	5.14	5.64	6.57
MIN	2.57	2.59	2.65	3.55	3.27	3.11	2.48	2.48	2.45	2.63	2.98	3.50
WTR YR 1979	MEAN	3.57	MAX	6.80	MAY 8	MIN	2.45	JUN 26				



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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## HILLSBOROUGH COUNTY

WELL NUMBER.--27584308222201. Tampa Bypass Deep Well 618 near Tampa, FL.

LOCATION.--Lat 27°58'43", long 82°22'22", in NE¼NE¼ sec.11, T.29 S., R.19 E., Hydrologic Unit 03100206, 75 ft (23 m) east of Orient Road, 0.7 mi (1.1 km) south of Interstate 4, and 5.5 mi (8.8 km) northeast of downtown post office in Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused private, artesian well, diameter 2 in (5 cm), depth 69 ft (21 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 1 in (2.5 cm) coupling, 0.5 ft (0.2 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 30 ft (9.1 m), from topographic map.

PERIOD OF RECORD.--September 1973 to May 1976 (quarterly), incomplete; November 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly). Records of water levels prior to November 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.09 ft (5.82 m) NGVD, Sept. 19, 1979; lowest measured, 14.61 ft (4.45 m) NGVD, May 11, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
23...	1500	16.61	11...	1100	16.76
DEC			MAY		
14...	1145	15.69	14...	1747	18.43
JAN , 1979			JUL		
29...	1310	17.59	19...	1344	18.55
FEB			SEP		
21...	1357	17.08	19...	1335	19.09

WELL NUMBER.--275846082210401. USCE Test Well 3S-SMC near Tampa, FL.

LOCATION.--Lat 27°58'46", long 82°21'04", in NE¼NE¼ sec.12, T.29 S., R.20 E., Hydrologic Unit 03100206, 1.1 mi (1.8 km) southeast of intersection Interstate 4 and U. S. Highway 301, and 6.6 mi (10.6 km) northeast of downtown post office in Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 80 ft (24 m), cased to 30 ft (9 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of cap, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 21.00 ft (6.40 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to December 1974 (quarterly); May 1975 to September 1976 (semiannual); November 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly). Records of water levels prior to November 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.81 ft (6.04 m) NGVD, July 3, 1974; lowest measured, 12.28 ft (3.74 m) NGVD, June 15, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
23...	1515	14.12	18...	0840	15.22
DEC			JUL		
14...	1315	13.56	19...	1410	15.31
FEB , 1979			SEP		
21...	1328	14.10	19...	1355	15.51
APR					
11...	1230	14.06			

## HILLSBOROUGH COUNTY

WELL NUMBER.--275856082210301. USCE Test Well 2S-SMC near Tampa, FL.

LOCATION.--Lat 27°58'56", long 82°21'03", in SW¼SW¼ sec.6, T.29 S., R.20 E., Hydrologic Unit 03100206, 1.0 mi (1.6 km) southeast of intersection Interstate 4 and U. S. Highway 301, and 6.9 mi (11.1 km) northeast of downtown post office in Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 86 ft (26 m), cased to 36 ft (11 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 20.70 ft (6.31 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records, July 1975 to September 1977, were collected by Southwest Florida Water Management District and reviewed by Geological Survey.

PERIOD OF RECORD.--May 1975; July 1975 to September 1977 (weekly), incomplete; October 1977 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.20 ft (5.55 m) NGVD, Aug. 8, 1975; lowest measured, 11.00 ft (3.35 m) NGVD, Apr. 29, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
22...	1142	15.04	16...	1220	16.14
DEC			31...	1730	15.73
14...	1330	14.60	JUL		
FEB , 1979			19...	1420	16.10
21...	1340	14.80	SEP		
APR			19...	1408	15.33
11...	1245	14.84			

WELL NUMBER.--275858082215201. USCE Well TBC-14 near Tampa, FL.

LOCATION.--Lat 27°58'58", long 82°21'52", in SE¼SW¼ sec.1, T.29 S., R.19 E., Hydrologic Unit 03100206, 1.0 mi (1.6 km) southwest of intersection Interstate 4 and U. S. Highway 301, and 6.1 mi (9.8 km) northeast of downtown post office in Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 100 ft (30 m), cased to 35 ft (11 m).

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

DATUM.--Land-surface datum is 32.45 ft (9.89 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1976, land-surface datum was considered to be 31 ft (9.4 m) NGVD. See PERIOD OF RECORD.

COOPERATION.--Some records, December 1975 to September 1977, were collected by Southwest Florida Water Management District and reviewed by Geological Survey.

PERIOD OF RECORD.--December 1975 to September 1977 (weekly), incomplete; October 1977 to current year (bimonthly). The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1976, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +1.45 ft (0.44 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.33 ft (8.33 m) NGVD, Aug. 31, 1979; lowest measured, 16.97 ft (5.17 m) NGVD, May 13, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
22...	1130	21.43	16...	1140	24.95
NOV			27...	1810	25.62
01...	1705	20.86	JUL		
DEC			17...	1508	24.19
14...	1140	19.62	AUG		
JAN , 1979			31...	1415	27.33
29...	1245	23.11	SEP		
FEB			19...	0850	26.72
21...	1301	22.47			
APR					
11...	1120	22.80			

## HILLSBOROUGH COUNTY

WELL NUMBER.--275906082203901. USCE Test Well 3E-SMC near Tampa, FL.

LOCATION.--Lat 27°59'06", long 82°20'39", in SW¼NE¼ sec.6, T.29 S., R.20 E., Hydrologic Unit 03100206, 1.1 mi (1.8 km) southeast of intersection Interstate 4 and U. S. Highway 301, and 7.3 mi (11.7 km) northeast of downtown post office in Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 90 ft (27 m), cased to 43 ft (13 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of cap, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 48.00 ft (14.63 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to March 1975 (quarterly); May 1975 to May 1976 (semiannual); November 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly). Records of water levels prior to November 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.80 ft (6.04 m) NGVD, Sept. 15, 1974; lowest measured, 11.46 ft (3.49 m) NGVD, Jan. 28, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
22...	1242	14.63	18...	0903	15.95
DEC			JUL		
14...	1448	14.08	15...	1125	16.16
JAN , 1979			AUG		
29...	1230	14.73	31...	1432	17.67
FEB			SEP		
21...	1505	14.57	19...	1448	16.99
APR					
11...	1440	14.68			

WELL NUMBER.--275906082204901. USCE Test Well 2E-SMC near Tampa, FL.

LOCATION.--Lat 27°59'06", long 82°20'49", in NE¼SW¼ sec.6, T.29 S., R.20 E., Hydrologic Unit 03100206, 0.2 mi (0.3 km) east of Tampa Bypass Canal, 0.8 mi (1.3 km) south of Interstate 4, and 7.0 mi (11.3 km) east of Tampa.

AQUIFER.--Tampa formation of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 90 ft (27 m), cased to 37 ft (11 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 46.20 ft (14.08 m) National Geodetic Vertical Datum of 1929 (levels by U. S. Corps of Engineers).

PERIOD OF RECORD.--April 1973 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1976, published as Tampa Bypass Canal Well near Tampa.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 20.63 ft (6.29 m) NGVD, Aug. 20, 1974; lowest, 12.69 ft (3.87 m) NGVD, May 20, 1977.

ELEVATION, IN 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	15.60	14.93	14.50	14.79	15.24	15.38	15.37	14.83	16.32	16.33	16.75	17.10
10	15.50	14.84	14.60	14.91	15.14	15.61	15.32	15.89	16.22	16.52	16.85	17.99
15	15.40	14.74	14.68	15.14	15.14	15.62	15.14	16.48	16.16	16.64	17.16	17.50
20	15.30	14.65	14.58	15.14	15.10	15.59	14.89	16.54	15.97	16.75	17.29	17.12
25	15.22	14.61	14.59	15.18	15.40	15.68	15.01	16.63	16.29	16.88	17.69	18.55
EOM	15.07	14.54	14.72	15.28	15.35	15.53	14.88	16.38	16.35	16.72	18.10	19.04
MEAN	15.39	14.75	14.60	15.05	15.20	15.56	15.13	15.99	16.22	16.62	17.24	17.85
MAX	15.73	15.04	14.72	15.28	15.40	15.69	15.53	16.63	16.38	16.88	18.10	19.04
MIN	15.07	14.53	14.50	14.74	15.10	15.32	14.85	14.80	15.97	16.23	16.74	17.03
WTR YR 1979	MEAN	15.80	MAX	19.04	SEP 30	MIN	14.50	DEC 1	AND OTHERS			

## HILLSBOROUGH COUNTY

WELL NUMBER.--275906082205601. USCE Test Well 1E-SMC near Tampa, FL.

LOCATION.--Lat 27°59'06", long 82°20'56", in NW¼SW¼ sec.6, T.29 S., R.20 E., Hydrologic Unit 03100206, 0.9 mi (1.4 km) southeast of intersection Interstate 4 and U. S. Highway 301, and 7.1 mi (11.4 km) northeast of downtown post office in Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 79 ft (24 m), cased to 28 ft (8 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of cap, 3.40 ft (1.04 m), above land-surface datum.

DATUM.--Land-surface datum is 48.96 ft (14.92 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 49.00 ft (14.94 m) NGVD. See PERIOD OF RECORD.

COOPERATION.--Some records, August 1976 to August 1977, were collected by Southwest Florida Water Management District and reviewed by Geological Survey.

PERIOD OF RECORD.--August 1976 to September 1977 (weekly), incomplete; October 1977 to current year (bimonthly). The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +0.36 ft (0.11 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.31 ft (5.28 m) NGVD, Sept. 19, 1979; lowest measured, 11.21 ft (3.42 m) NGVD, Aug. 1, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT . 1978			APR . 1979		
22...	1155	15.65	11...	1335	15.46
DEC			MAY		
14...	1356	14.99	18...	0855	16.65
JAN . 1979			JUL		
24...	1205	15.55	19...	1430	16.92
FEB			SEP		
21...	1420	15.36	19...	1505	17.31

WELL NUMBER.--275906082205901. USCE Test Well P-SMC near Tampa, FL.

LOCATION.--Lat 27°59'06", long 82°20'59", in NW¼SW¼ sec.6, T.29 S., R.20 E., Hydrologic Unit 03100206, 0.9 mi (1.4 km) southeast of intersection Interstate 4 and U. S. Highway 301, and 7.0 mi (11.3 km) northeast of downtown post office in Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 14 in (36 cm), depth 306 ft (93 m), cased to 45 ft (14 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of steel plate on casing, 0.60 ft (0.18 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, 1977, land-surface datum was considered to be 29.10 ft (8.87 m) NGVD. See PERIOD OF RECORD.

COOPERATION.--Some records, August 1975 to August 1977, were collected by Southwest Florida Water Management District and reviewed by Geological Survey.

PERIOD OF RECORD.--August 1975 to September 1977 (weekly), incomplete; October 1977 to current year (bimonthly). The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -0.15 ft (0.05 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.93 ft (6.07 m) NGVD, Sept. 25, 1975; lowest measured, 13.11 ft (4.00 m) NGVD, May 25, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT . 1978			APR . 1979		
22...	1150	15.65	11...	1300	15.42
DEC			MAY		
14...	1345	15.05	18...	0850	16.63
JAN . 1979			JUL		
29...	1200	15.52	19...	1438	16.90
FEB			SEP		
21...	1435	15.35	19...	1500	17.13

## HILLSBOROUGH COUNTY

WELL NUMBER.--275906082211001. USCE Test Well 2W-SMC near Tampa, FL.

LOCATION.--Lat 27°59'06", long 82°21'10", in NE¼SE¼ sec.1, T.29 S., R.19 E., Hydrologic Unit 03100206, 0.8 mi (1.3 km) southeast of intersection Interstate 4 and U. S. Highway 301, and 6.8 mi (10.9 km) northeast of downtown post office in Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 95.5 ft (29.1 m), cased to 39.6 ft (12.1 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of cap, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 18.94 ft (5.77 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1976, land-surface datum was considered to be 19.6 ft (6.0 m) NGVD. See PERIOD OF RECORD.

COOPERATION.--Some records, January 1974 to September 1977, were collected by Southwest Florida Water Management District and reviewed by Geological Survey.

PERIOD OF RECORD.--September, December 1973; January 1974 to June 1975 (about twice monthly); July 1975 to September 1977 (weekly); October 1977 to current year (bimonthly). Records of water levels prior to January 1974 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1976, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -0.66 ft (0.20 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.50 ft (5.64 m) NGVD, Aug. 15, 1974; lowest measured, 9.52 ft (2.90 m) NGVD, Apr. 29, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
01...	1539	14.40	18...	0918	15.43
DEC			JUL		
14...	1508	14.28	19...	1505	15.53
JAN , 1979			AUG		
29...	1142	14.54	31...	1440	16.40
FEB			SEP		
21...	1515	14.30	17...	1230	14.92
APR					
11...	1510	14.41			

WELL NUMBER.--275906082211002. SWFWMD Shallow Well E-1 near Tampa, FL.

LOCATION.--Lat 27°59'06", long 82°21'10", in NE¼SE¼ sec.1, T.29 S., R.19 E., Hydrologic Unit 03100206, 0.8 mi (1.3 km) southeast of intersection Interstate 4 and U. S. Highway 301, and 6.8 mi (10.9 km) northeast of downtown post office in Tampa.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 0.75 in (2 cm), depth 13.2 ft (4.0 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.63 ft (0.80 m) above land-surface datum.

DATUM.--Land-surface datum is 19.60 ft (5.79 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records, April 1973 to September 1977, were collected by Southwest Florida Water Management and reviewed by Geological Survey.

PERIOD OF RECORD.--April 1973 to June 1975 (about twice monthly); July 1975 to September 1977 (weekly), incomplete; October 1977 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, 18.96 ft (5.78 m) NGVD, Sept. 12, 1973; well observed dry many days in 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
01...	1640	13.24	18...	0919	17.08
DEC			JUL		
14...	1511	13.86	19...	1508	16.59
JAN , 1979			AUG		
29...	1140	17.22	31...	1442	17.99
FEB			SEP		
21...	1522	16.41	17...	1232	17.76
APR					
11...	1512	15.53			



## HILLSBOROUGH COUNTY

WELL NUMBER.--275906082212001. USCE Test Well 3W-SMC near Tampa, FL.

LOCATION.--Lat 27°59'06", long 82°21'20", in NE¼SE¼ sec.1, T.29 S., R.19 E., Hydrologic Unit 03100206, 0.7 mi (1.1 km) south of intersection Interstate 4 and U. S. Highway 301, and 6.6 mi (10.6 km) northeast of downtown post office in Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 121 ft (37 m), cased to 71 ft (22 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of cap, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 23.90 ft (7.28 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records, August 1975 to September 1977, were collected by Southwest Florida Water Management District and reviewed by Geological Survey.

PERIOD OF RECORD.--August 1975 to July 1976 (weekly); August 1976 to September 1977 (twice monthly), incomplete; October 1977 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.66 ft (5.08 m) NGVD, Sept. 10, 1975; lowest measured, 11.97 ft (3.65 m) NGVD, May 6, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
01... 1648	13.98		18... 0920	15.24	
DEC			JUL		
14... 1520	13.79		19... 1453	15.32	
JAN , 1979			AUG		
29... 1135	14.40		31... 1455	16.18	
FEB			SEP		
21... 1528	14.18		17... 1240	15.15	
APR					
11... 1522	14.24				

WELL NUMBER.--275910082213601. U. S. Highway 301 Fairground Deep Well near Tampa, FL.

LOCATION.--Lat 27°59'10", long 82°21'36", in SE¼NE¼ sec.1, T.29 S., R.19 E., Hydrologic Unit 03100206, 0.7 mi (1.1 km) south of intersection Interstate 4 and U. S. Highway 301, and 6.4 mi (10.3 km) northeast of downtown post office in Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 0.25 in (0.6 cm) access hole in sanitary seal, 0.5 ft (0.2 m) above land-surface datum. Prior to Jan. 28, 1977, top of casing, at land-surface datum.

DATUM.--Altitude of land-surface datum is 25 ft (7.6 m), from topographic map.

COOPERATION.--Some records, August 1974 to December 1975, were collected by Southwest Florida Water Management District and reviewed by Geological Survey.

PERIOD OF RECORD.--September 1973 to June 1975 (monthly), incomplete; July to October 1975 (weekly); November 1975 to current year (bimonthly), incomplete. 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, 20.15 ft (6.14 m) NGVD, July 3, 1974; lowest measured, 12.69 ft (3.87 m) NGVD, Apr. 21, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
23... 1445	14.13		11... 1150	14.19	
DEC			MAY		
15... 0643	13.53		14... 1800	15.47	
JAN , 1979			JUL		
29... 1235	14.44		19... 0920	15.64	
FEB			SEP		
21... 1550	14.22		19... 0900	15.38	



## HILLSBOROUGH COUNTY

WELL NUMBER.--275913082220801. SWFWMD Well WMDD near Tampa, FL.

LOCATION.--Lat 27°59'13", long 82°22'08", in NW¼SW¼ sec.6, T.29 S., R.20 E., Hydrologic Unit 03100206, 0.8 mi (1.3 km) southwest of intersection Interstate 4 and U. S. Highway 301, and 6.9 mi (11.1 km) northeast of downtown post office in Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 88 ft (27 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.27 ft (0.08 m) above land-surface datum.

DATUM.--Land-surface datum is 18.00 ft (5.49 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records, August 1974 to September 1977, were collected by Southwest Florida Water Management District and reviewed by Geological Survey.

PERIOD OF RECORD.--August 1974 to June 1975 (monthly); July 1975 to September 1977 (weekly), incomplete; October 1977 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.27 ft (5.26 m) NGVD, Aug. 20, 1974; lowest measured, 8.45 ft (2.58 m) NGVD, June 10, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
23...	0745	12.63	11...	1550	12.40
DEC			MAY		
14...	1533	12.29	18...	0925	13.40
JAN , 1979			JUL		
29...	1130	12.49	19...	1520	13.52
FEB			SEP		
21...	1536	12.35	17...	1225	12.77

WELL NUMBER.--280001082324101. Suburban Utilities 2 Deep Well near Tampa, FL.

LOCATION.--Lat 28°00'01", long 82°32'41", in NE¼SW¼ sec.31, T.28 S., R.18 E., Hydrologic Unit 03100206, 0.15 mi (0.24 km) west of Benjamin Road, 0.3 mi (0.5 km) north of State Highway 580, and 6.3 mi (10.1 km) northwest of Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 303 ft (92 m), cased to 112 ft (34 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 0.50 ft (0.15 m) above land-surface datum.

DATUM.--Land-surface datum is 20.09 ft (6.12 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--April 1977 to current year. Records of water levels prior to October 1977 are available in files of the Geological Survey.

COOPERATION.--Some records, April to June 1977, were collected by Hillsborough County and were reviewed by Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.31 ft (4.36 m) NGVD, Sept. 22, 1979; lowest, 8.52 ft (2.60 m) NGVD, May 3, 1977.

ELEVATION, IN 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	10.30	9.97	10.06	9.83	10.26	10.46	10.02	9.57	10.43	10.70	10.73	11.67
10	10.04	9.91	9.92	9.95	9.96	10.74	9.97	11.57	10.28	11.60	11.05	11.80
15	10.36	9.89	9.69	10.48	9.92	10.45	9.80	11.05	10.19	11.00	11.36	11.90
20	10.00	9.78	9.66	10.55	9.86	10.27	9.52	10.62	9.90	11.00	11.73	11.55
25	9.87	9.84	9.96	10.58	11.30	10.56	10.04	11.35	9.93	11.10	11.67	12.88
EOM	10.04	9.89	10.03	10.28	10.35	10.08	9.68	10.90	10.29	10.38	12.34	11.94
MEAN	10.12	9.90	9.84	10.38	10.15	10.42	9.82	10.79	10.24	10.93	11.58	12.22
MAX	10.42	10.19	10.25	10.94	11.30	10.91	10.08	13.22	10.75	11.80	12.75	14.31
MIN	9.87	9.73	9.63	9.79	9.86	10.03	9.52	9.57	9.87	10.00	10.26	11.50
WTR YR 1979	MEAN	10.54	MAX	14.31	SEP 22	MIN	9.52	APR 20				

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--280012082204901. USCE Test Well TBC-05 near Temple Terrace, FL.

LOCATION.--Lat 28°00'12", long 82°20'49", in SE¼NW¼ sec.31, T.28 S., R.20 E., Hydrologic Unit 03100206, 0.8 mi (1.3 km) northeast of intersection Interstate 4 and U. S. Highway 301, and 3.5 mi (5.6 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 100 ft (30 m), cased to 55 ft (17 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.05 ft (1.23 m) above land-surface datum. Prior to Nov. 11, 1976, top of casing, 2.84 ft (0.86 m) above land-surface datum.

DATUM.--Land-surface datum is 19.00 ft (5.79 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records collected by Southwest Florida Water Management District.

PERIOD OF RECORD.--August 1975 to October 1976 (weekly); November 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.52 ft (6.25 m) NGVD, Sept. 25, 1975; lowest daily maximum water level, 13.80 ft (4.21 m) NGVD, June 29, 1977.

ELEVATION, IN 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	17.08	16.27	15.87	15.98	16.53	16.83	16.91	16.24	17.87	17.88	18.35	18.60
10	16.99	16.15	15.88	16.13	16.45	17.01	16.83	17.22	17.80	18.10	18.44	19.25
15	16.97	16.03	15.87	16.41	16.46	17.06	16.65	17.83	17.75	18.22	18.67	18.93
20	16.86	15.90	15.77	16.50	16.45	17.07	16.40	17.90	17.58	18.35	18.78	18.82
25	16.64	15.84	15.76	16.50	16.84	17.14	16.46	18.09	17.85	18.45	19.14	19.70
END	16.44	15.78	15.89	16.60	16.77	17.05	16.30	17.92	17.88	18.32	19.42	20.13
MEAN	16.86	16.03	15.83	16.33	16.54	17.02	16.63	17.41	17.79	18.20	18.75	19.15
MAX	17.20	16.40	15.90	16.60	16.84	17.14	17.05	18.09	17.92	18.45	19.42	20.13
MIN	16.44	15.78	15.70	15.93	16.45	16.77	16.30	16.20	17.58	17.80	18.35	18.41
WTR YR 1979	MEAN	17.21	MAX	20.13	SEP 30	MIN	15.70	DEC 23				

## HILLSBOROUGH COUNTY

WELL NUMBER.--280022082205401. SWFWMD Well at Vandenberg Airport near Temple Terrace, FL.

LOCATION.--Lat 28°00'22", long 82°20'54", in NW¼SW¼ sec.31, T.28 S., R.20 E., Hydrologic Unit 03100206, 1.0 mi (1.6 km) northeast of intersection Interstate 4 and U. S. Highway 301, and 3.3 mi (5.3 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 42 ft (13 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 1.42 ft (0.43 m) above land-surface datum. Prior to July 6, 1978, top of coupling, 1.75 ft (0.53 m) above land-surface datum.

DATUM.--Land-surface datum is 19.77 ft (6.03 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1976 to June 1978 (twice monthly); July 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 20.09 ft (6.12 m) NGVD, Sept. 30, 1979, water level rising; lowest water level measured, 13.99 ft (4.26 m) NGVD, June 29, 1977.

ELEVATION, IN 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	17.20	16.41	15.98	16.13	16.64	16.87	17.00	16.36	17.99	17.99	18.47	18.63
10	17.11	16.26	15.99	16.25	16.59	17.09	16.92	17.28	17.91	18.11	18.54	19.34
15	17.05	16.15	16.00	16.52	16.59	17.14	16.73	17.92	17.85	18.33	18.75	18.97
20	17.00	16.04	15.92	16.55	16.59	17.16	16.49	18.00	17.69	18.46	18.86	18.63
25	16.77	16.00	15.89	16.60	16.89	17.23	16.52	18.21	17.98	18.55	19.23	19.72
EOM	16.55	15.88	15.99	16.68	16.83	17.14	16.42	18.01	17.99	18.48	19.53	20.09
MEAN	16.97	16.16	15.95	16.43	16.65	17.09	16.72	17.50	17.90	18.29	18.64	19.20
MAX	17.27	16.52	16.00	16.68	16.89	17.23	17.13	18.21	18.01	18.55	19.53	20.09
MIN	16.55	15.88	15.86	16.06	16.58	16.83	16.42	16.29	17.69	17.94	18.47	18.55
WTR YR 1979	MEAN	17.31	MAX	20.09	SEP 30	MIN	15.86	DEC 23				

WELL NUMBER.--280022082210501. SWFWMD Well west of Vandenberg Airport near Temple Terrace, FL.

LOCATION.--Lat 28°00'22", long 82°21'05", in NW¼SE¼ sec.31, T.28 S., R.20 E., Hydrologic Unit 03100206, 0.9 mi (1.4 km) northeast of intersection Interstate 4 and U. S. Highway 301, and 3.4 mi (5.5 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 37 ft (11 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.16 ft (0.66 m) above land-surface datum. Prior to July 6, 1978, top of coupling, 2.5 ft (0.8 m) above land-surface datum.

DATUM.--Land-surface datum is 17.98 ft (5.48 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1976 to June 1978 (twice monthly); July 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 17.75 ft (5.41 m) NGVD, Sept. 11, 1979; lowest water level measured, 12.94 ft (3.94 m) NGVD, June 29, 1977.

ELEVATION, IN 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	15.88	15.41	15.20	15.28	15.47	15.60	15.64	15.21	16.17	16.42	16.63	15.63
10	15.82	15.35	15.19	15.39	15.43	15.71	15.59	16.28	16.12	16.56	16.69	17.42
15	15.81	15.28	15.18	15.58	15.44	15.73	15.47	16.72	16.09	16.68	16.85	15.86
20	15.74	15.19	15.12	15.41	15.43	15.73	15.31	16.67	15.99	16.65	16.88	15.15
25	15.64	15.16	15.13	15.45	15.75	15.76	15.37	16.73	16.41	16.69	17.29	16.82
EOM	15.51	15.13	15.21	15.48	15.57	15.72	15.26	16.22	16.41	16.59	17.69	16.69
MEAN	15.75	15.28	15.16	15.43	15.48	15.71	15.46	16.19	16.20	16.58	16.93	16.28
MAX	15.95	15.50	15.22	15.64	15.75	15.79	15.72	16.86	16.46	16.70	17.69	17.75
MIN	15.51	15.13	15.09	15.25	15.43	15.55	15.26	15.19	15.98	16.35	16.63	15.15
WTR YR 1979	MEAN	15.88	MAX	17.75	SEP 11	MIN	15.09	DEC 23				

## HILLSBOROUGH COUNTY

WELL NUMBER.--280030082190801. Tampa Bypass Deep Well 610 near Temple Terrace, FL.

LOCATION.--Lat 28°00'30", long 82°19'08", in NW¼NW¼ sec.33, T.28 S., R.20 E., Hydrologic Unit 03100206, 2.5 mi (4.0 km) northeast of intersection Interstate 4 and U. S. Highway 301, and 4.8 mi (7.7 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, private, artesian well, diameter 2 in (5 cm), depth 170 ft (52 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.5 ft (0.2 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 26 ft (7.9 m), from topographic map.

COOPERATION.--Some records furnished by Southwest Florida Water Management District.

PERIOD OF RECORD.--September 1973 to September 1975 (quarterly); May 1976 to November 1976 (monthly); December 1976 to September 1978 (twice monthly), incomplete; October 1978 to September 1979 (bimonthly). 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, 24.28 ft (7.40 m) NGVD, Sept. 19, 1975; lowest measured, 16.48 ft (5.02 m) NGVD, June 29, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1207	19.67	12...	1410	19.45
23...	1645	19.39	MAY		
DEC			16...	1630	20.65
18...	1038	18.22	27...	1710	21.06
JAN , 1979			JUL		
29...	1505	19.22	17...	1154	21.55
FEB			SEP		
22...	1310	19.14	20...	1055	23.67
MAR					
22...	1330	19.87			

WELL NUMBER.--280033082200501. Tampa Bypass Deep Well 609 near Temple Terrace, FL.

LOCATION.--Lat 28°00'33", long 82°20'05", in NW¼NW¼ sec.32, T.28 S., R.20 E., Hydrologic Unit 03100206, 1.7 mi (2.7 km) northeast of intersection Interstate 4 and U. S. Highway 301, and 3.9 mi (6.3 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused private, artesian well, diameter 8 in (20 cm), depth 310 ft (94 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of shelter floor, 3.30 ft (1.01 m) above land-surface datum.

DATUM.--Land-surface datum is 20.65 ft (6.29 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 20.50 ft (6.25 m) NGVD. See PERIOD OF RECORD.

PERIOD OF RECORD.--September 1973 to September 1975 (quarterly), incomplete; May 1976 to November 1976 (monthly); December 1976 to September 1977 (twice monthly); October 1977 to current year (bimonthly). Records of water levels prior to October 1976 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +0.15 ft (0.05 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.46 ft (6.85 m) NGVD, Sept. 20, 1974; lowest measured, 14.07 ft (4.29 m) NGVD, June 29, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
23...	1713	17.11	12...	1355	17.15
DEC			MAY		
18...	1028	16.00	16...	1842	18.21
JAN , 1979			JUL		
29...	1555	16.97	17...	1137	18.87
FEB			SEP		
22...	1258	16.91	20...	1040	19.89

## HILLSBOROUGH COUNTY

WELL NUMBER.--280035082181001. Tampa Bypass Deep Well 611 near Temple Terrace, FL.

LOCATION.--Lat 28°00'35", long 82°18'10", in NE¼NE¼ sec.33, T.28 S., R.20 E., Hydrologic Unit 03100206, 3.5 mi (5.6 km) northeast of intersection Interstate 4 and U. S. Highway 301, and 5.7 mi (9.2 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, private, artesian well, diameter 3 in (8 cm), depth 200 ft (61 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.0 ft (0.3 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 42 ft (13 m), from topographic map.

PERIOD OF RECORD.--September 1973 to March 1975 (quarterly); May 1975 to September 1976 (semiannual); January 1977 to September 1978 (monthly), incomplete; October 1978 to September 1979 (bimonthly). Records of water levels prior to January 1977 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 3, 1974; lowest measured, 15.37 ft (4.68 m) NGVD, June 29, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
23...	1700	18.39	12...	1425	18.49
DEC			MAY		
18...	1053	17.08	16...	1655	19.59
JAN , 1979			JUL		
29...	1615	18.08	17...	1220	20.70
FEB			SEP		
22...	1320	18.04	20...	1101	23.13

WELL NUMBER.--280038082204201. Everglades Aquatic Nursery Well ES-55 near Temple Terrace, FL.

LOCATION.--Lat 28°00'38", long 82°20'42", in NE¼NW¼ sec.31, T.28 S., R.20 E., Hydrologic Unit 03100206, 1.4 mi (2.3 km) northeast of intersection Interstate 4 and U. S. Highway 301, and 3.3 mi (5.3 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 53 ft (16 m), cased to 21 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.55 ft (0.78 m) above land-surface datum. Prior to April 1978, top of casing, 5.60 ft (1.71 m) above land-surface datum.

DATUM.--Land-surface datum is 17.98 ft (5.48 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1973 to current year (bimonthly), incomplete. 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, 20.59 ft (6.28 m) NGVD, Sept. 19, 1975; lowest measured, 13.95 ft (4.25 m) NGVD, Aug. 1, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
23...	1725	16.95	16...	1745	18.12
DEC			27...	1715	18.25
15...	0938	16.04	JUL		
FEB , 1979			17...	1128	18.65
22...	1140	16.75	SEP		
APR			17...	1453	19.23
12...	1225	16.96			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--280038082340201. Channel G BM Deep Well near Tampa, FL.

LOCATION.--Lat 28°00'38", long 82°34'32", in NE¼ sec.35, T.28 S., R.17 E., Hydrologic Unit 03100206, 40 ft (12 m) south of Channel G, 100 ft (30 m) west of Webb Road, and 8.6 mi (13.8 km) northwest of Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 120 ft (37 m), cased to 115 ft (35 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 1.50 ft (0.46 m) above land-surface datum.

DATUM.--Land-surface datum is 7.80 ft (2.38 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

REMARKS.--Water levels affected by tidal fluctuations.

PERIOD OF RECORD.--September 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.07 ft (2.46 m) NGVD, Sept. 22, 1979; lowest, 4.56 ft (1.39 m) NGVD, Apr. 3, 1976.

ELEVATION, IN 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	6.88	6.69	6.98	6.52	6.94	7.21	6.42	5.79	6.30	6.21	6.24	7.55
10	6.77	6.55	6.75	6.58	6.42	7.27	6.60	7.02	6.15	6.68	6.85	7.08
15	7.02	6.55	6.35	6.86	6.52	6.96	6.20	6.78	5.94	6.51	6.99	7.76
20	6.72	6.37	6.45	7.46	6.42	6.61	6.00	6.24	5.71	6.60	7.30	7.41
25	6.49	6.46	6.79	7.26	7.25	7.24	6.40	6.80	5.83	6.94	7.30	7.75
EOM	6.63	6.70	6.89	7.08	6.79	6.45	5.80	6.57	6.15	6.20	7.39	7.82
MEAN	6.77	6.56	6.55	7.03	6.72	6.91	6.23	6.48	6.05	6.51	6.98	7.61
MAX	7.07	6.83	6.98	7.54	7.45	7.42	6.60	7.21	6.50	7.01	7.42	8.07
MIN	6.49	6.23	6.17	6.11	6.38	6.45	5.80	5.71	5.68	5.84	6.05	7.08
WTR YR 1979	MEAN	6.70	MAX	8.07 SEP 22	MIN	5.68 JUN 19						



## HILLSBOROUGH COUNTY

WELL NUMBER.--280044082212601. USCE Well TBC-07 near Temple Terrace, FL.

LOCATION.--Lat 28°00'44", long 82°21'26", in SW¼SE¼ sec.25, T.28 S., R.19 E., Hydrologic Unit 03100206, 1.1 mi (1.8 km) north of intersection Interstate 4 and U. S. Highway 301, and 2.6 mi (4.2 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 100 ft (30 m), cased to 47 ft (14 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.48 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 20.07 ft (6.12 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 16.00 ft (4.88 m) NGVD. See PERIOD OF RECORD.

COOPERATION.--Some records furnished by Southwest Florida Water Management District.

PERIOD OF RECORD.--May 1975; August 1975 to September 1977 (weekly), incomplete; October 1977 to current year (twice monthly). The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +4.07 ft (1.24 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.33 ft (6.50 m) NGVD, Oct. 30, 1975; lowest measured, 14.46 ft (4.41 m) NGVD, June 15, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR . 1979		
12...	1240	18.18	20...	1050	16.94
22...	1815	17.06	MAY		
NOV			09...	1220	17.37
09...	1130	16.47	17...	1318	18.13
DEC			25...	1045	18.42
15...	1740	16.19	JUN		
29...	1300	16.21	21...	1040	17.94
JAN , 1979			28...	1045	18.19
29...	1335	17.15	JUL		
30...	1040	17.13	17...	1515	18.66
FEB			26...	1015	18.61
21...	1522	17.14	AUG		
22...	1300	17.21	16...	1015	18.73
MAR			29...	1045	19.06
04...	1400	17.41	SEP		
22...	1250	17.58	07...	1153	18.54
28...	1255	17.59	19...	1545	17.23
APR			20...	1100	17.16
12...	1510	17.34			

## HILLSBOROUGH COUNTY

WELL NUMBER.--280053082350201. Sheldon Road Shallow Well near Citrus Park, FL.

LOCATION.--Lat 28°00'53", long 82°35'02", in NE¼SE¼ sec.27, T.28 S., R.17 E., Hydrologic Unit 03100206, 30 ft (9 m) west of State Highway 589, and 5.5 mi (8.8 km) south of Citrus Park.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 88 ft (27 m), cased to 39 ft (12 m).

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

DATUM.--Land-surface datum is 9.36 ft (2.85 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1968 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, 8.97 ft (2.73 m) NGVD, Sept. 29, 1975; lowest measured, 5.76 ft (1.76 m) NGVD, May 25, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
04...	0800	8.04	15...	0713	8.10
NOV			31...	0940	7.75
27...	1505	7.17	JUL		
FEB , 1979			23...	0835	7.86
06...	1020	7.76	SEP		
APR			19...	0817	8.62
05...	1355	7.35			

WELL NUMBER.--280053082350202. Sheldon Road Deep Well near Citrus Park, FL.

LOCATION.--Lat 28°00'53", long 82°35'02", in NE¼SE¼ sec.27, T.28 S., R.17 E., Hydrologic Unit 03100206, 25 ft (8 m) west of State Highway 589, and 5.5 mi (8.8 km) south of Citrus Park.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 330 ft (100 m), cased to 315 ft (96 m).

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

DATUM.--Land-surface datum is 9.45 ft (2.88 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1968 to February 1973 (bimonthly); March 1973 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, 9.40 ft (2.87 m) NGVD, Sept. 13, 1979, estimated; lowest, 5.95 ft (1.81 m) NGVD, Apr. 3, 1976.

ELEVATION, IN 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	7.93	7.64	7.94	7.30	7.79	8.13	7.28	6.88	7.44	7.31	7.42	9.10
10	7.69	7.45	7.63	7.65	7.37	8.17	7.33	8.09	7.29	7.79	8.03	9.10
15	7.93	7.51	7.20	7.70	7.37	7.52	6.88	7.95	7.09	7.67	8.30	9.10
20	7.68	7.29	7.33	8.46	7.36	7.49	6.63	7.42	6.79	7.80	8.60	8.62
25	7.38	7.36	7.68	8.17	8.35	7.91	7.69	7.91	6.88	8.13	9.00	8.92
END	7.57	7.64	7.74	7.98	7.70	7.34	6.92	7.69	7.27	7.40	9.20	9.10
MEAN	7.73	7.48	7.42	7.93	7.61	7.75	7.10	7.60	7.18	7.67	8.41	9.00
MAX	8.13	7.80	7.94	8.59	8.35	8.38	7.69	8.15	7.67	8.17	9.35	9.40
MIN	7.38	7.14	6.96	6.86	7.18	7.32	6.63	6.82	6.78	6.99	7.23	8.56
WTR YR 1979	MEAN	7.74	MAX	9.40	SEP 13	MIN	6.63	APR 20				

NOTE.--Record estimated July 28 to Aug. 3, Aug. 13 to Sept. 18.

## HILLSBOROUGH COUNTY

WELL NUMBER.--280055082203801. USCE Test Well 3S-ES near Temple Terrace, FL.

LOCATION.--Lat 28°00'55", long 82°20'38", in NW¼SE¼ sec.30, T.28 S., R.20 E., Hydrologic Unit 03100206, 1.8 mi (2.9 km) northeast of intersection Interstate 4 and U. S. Highway 301, and 3.3 mi (5.3 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 89 ft (27 m), cased to 38 ft (12 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of cap, 3.50 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 19.67 ft (6.00 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to March 1975 (quarterly); May 1975 to September 1976 (semiannual), incomplete; October 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly). 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, 22.26 ft (6.78 m) NGVD, Sept. 20, 1974; lowest measured, 14.42 ft (4.40 m) NGVD, June 15, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
22...	1507	17.17	12...	1210	17.16
DEC			MAY		
15...	0745	16.12	18...	1022	18.33
JAN , 1979			JUL		
29...	1540	17.00	15...	1330	18.90
FEB			SEP		
22...	1135	16.92	17...	1415	19.72

WELL NUMBER.--28005508222701. USCE Well TBC-09 near Temple Terrace, FL.

LOCATION.--Lat 28°00'55", long 82°22'27", in NW¼SE¼ sec.26, T.28 S., R.19 E., Hydrologic Unit 03100206, 1.6 mi (2.6 km) northwest of intersection Interstate 4 and U. S. Highway 301, and 1.7 mi (2.7 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 110 ft (34 m), cased to 68 ft (21 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 41.04 ft (12.51 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records furnished by Southwest Florida Water Management District.

PERIOD OF RECORD.--May 1975; August 1975 to September 1977 (weekly), incomplete; October 1977 to current year (twice monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.38 ft (6.82 m) NGVD, Oct. 30, 1975; lowest measured, 15.69 ft (4.78 m) NGVD, May 25, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
02...	0725	20.41	09...	1230	21.15
12...	1245	20.13	16...	1345	21.25
22...	1625	19.80	25...	1040	21.16
NOV			27...	1250	21.52
09...	1122	18.96	JUN		
DEC			21...	1035	21.58
18...	1150	18.32	28...	1036	21.67
28...	1230	19.66	JUL		
JAN , 1979			17...	1255	21.76
29...	1350	21.24	26...	1000	21.21
31...	1028	21.24	AUG		
FEB			16...	1045	20.81
21...	1630	21.74	29...	1042	20.79
22...	1320	21.80	SEP		
MAR			02...	1320	18.22
09...	1350	20.59	07...	1133	21.54
22...	1245	21.81	19...	1555	18.70
28...	1245	21.90	20...	--	18.56
APR					
12...	1520	21.61			
20...	1040	20.94			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--280056082362701. Channel A BM Deep Well near Tampa, FL.

LOCATION.--Lat 28°00'56", long 82°36'27", in NW¼SE¼ sec.28, T.28 S., R. 17 E., Hydrologic Unit 03100206, 45 ft (14 m) west of Channel A, 130 ft (40 m) south of Memorial Highway, and 10.5 mi (16.9 km) northwest of Tampa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 121 ft (37 m), cased to 100 ft (30 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 1.50 ft (0.46 m) above land-surface datum.

DATUM.--Land-surface datum is 11.81 ft (3.60 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

REMARKS.--Water levels affected by tidal fluctuations.

PERIOD OF RECORD.--September 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.55 ft (2.91 m) NGVD, Sept. 13, 1979; lowest, 6.70 ft (2.04 m) NGVD, May 25, 1977 (estimated).

ELEVATION, IN 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	8.48	8.19	8.55	8.30	8.10	8.51	7.83	7.44	7.91	7.80	8.06	9.09
10	8.14	7.97	8.02	7.66	7.45	8.39	7.87	8.42	7.96	8.33	8.46	8.62
15	8.44	8.07	7.63	8.50	7.60	8.10	7.45	8.44	7.75	8.00	8.50	9.35
20	8.22	7.84	7.82	8.98	7.76	8.00	7.26	7.83	7.52	8.25	8.79	9.05
25	7.87	7.88	8.16	8.46	8.56	8.55	8.28	8.29	7.62	8.61	8.76	9.30
LOM	7.99	8.20	8.17	8.40	7.97	7.97	7.64	8.13	7.79	7.93	8.80	9.35
MEAN	8.22	8.02	7.88	8.44	7.95	8.25	7.66	8.07	7.76	8.15	8.52	9.15
MAX	8.61	8.35	8.55	9.01	8.75	8.80	8.28	8.57	8.10	8.62	8.88	9.55
MIN	7.85	7.64	7.29	7.66	7.45	7.77	7.26	7.39	7.52	7.52	7.89	8.60

WTR YR 1979 MEAN 8.17 MAX 9.55 SEP 13 MIN 7.26 APR 17 AND OTHERS

NOTE.--Record estimated Feb. 13 to Mar. 28.

## HILLSBOROUGH COUNTY

WELL NUMBER.--280058082202201. Eureka Springs Landfill Deep Well near Temple Terrace, FL.

LOCATION.--Lat 28°00'58", long 82°20'22", in NE¼SE¼ sec.30, T.28 S., R.20 E., Hydrologic Unit 03100206, 1.7 mi (2.7 km) northwest of Interstate 4 and U. S. Highway 301 interchange, and 2.5 mi (4.0 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 37 ft (11 m), cased to 34.5 ft (10.5 m).

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

DATUM.--Land-surface datum is 21.40 ft (6.52 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1976 to current year. Records of water levels prior to June 1976 are available in files of the Geological Survey. Prior to October 1976, published as Eureka Springs Landfill Deep Well near Tampa.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.62 ft (6.59 m) NGVD, Sept. 30, 1979, water level rising; lowest, 14.39 ft (4.39 m) NGVD, June 29, 1977.

ELEVATION, IN 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	17.57	16.68	16.10	16.25	17.02	17.29	17.45	16.71	18.57	18.52	19.06	19.63
10	17.46	16.55	16.15	16.55	16.96	17.50	17.37	17.66	18.50	18.75	19.15	20.26
15	17.42	16.40	16.20	16.83	16.95	17.61	17.16	18.30	18.44	18.90	19.44	19.95
20	17.31	16.35	16.05	16.95	16.98	17.62	16.88	18.44	18.25	19.08	19.56	19.71
25	17.09	16.25	16.02	16.98	17.25	17.71	16.92	18.63	18.48	19.16	19.97	20.86
EOM	16.87	16.15	16.17	17.10	17.23	17.59	16.79	18.59	18.52	19.03	20.30	21.62
MEAN	17.33	16.44	16.11	16.73	17.03	17.53	17.14	17.92	18.46	18.88	19.52	20.23
MAX	17.67	16.83	16.20	17.10	17.25	17.71	17.58	18.63	18.59	19.16	20.30	21.62
MIN	16.87	16.15	15.98	16.20	16.95	17.23	16.79	16.67	18.25	18.45	19.06	19.48
WTR YR 1979	MEAN	17.78	MAX	21.62	SEP 30	MIN	15.98	DEC 23				

NOTE.--Record estimated Nov. 6 to Dec. 17, Jan. 4-7.

WELL NUMBER.--280058082202202. Eureka Springs Landfill Shallow Well near Temple Terrace, FL.

LOCATION.--Lat 28°00'58", long 82°20'22", in NE¼SE¼ sec.30, T.28 S., R.20 E., Hydrologic Unit 03100206, 1.7 mi (2.7 km) northwest of Interstate 4 and U. S. Highway 301 interchange, and 2.5 mi (4.0 km) southeast of Temple Terrace.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 10 ft (3 m), cased to 4 ft (1 m).

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

DATUM.--Land-surface datum is 21.19 ft (6.46 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1976 to current year. Prior to September 1976, published as Eureka Springs Landfill Shallow Well near Tampa.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.27 ft (6.48 m) NGVD, Sept. 22, 1979; lowest, 15.48 ft (4.72 m) NGVD, July 5, 1977.

ELEVATION, IN 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	17.86	16.74	16.42	19.57	20.58	20.72	18.21	16.97	19.90	20.66	20.69	20.82
10	17.53	16.60	16.40	19.25	20.55	20.74	17.96	20.74	18.19	20.80	20.84	20.78
15	17.54	16.45	16.28	20.60	20.35	20.64	17.70	20.65	17.75	20.68	20.81	21.05
20	17.25	16.31	16.15	20.61	19.85	20.41	17.38	20.34	17.37	20.67	20.72	20.77
25	17.09	16.20	16.14	20.73	21.05	20.16	17.25	20.96	20.75	20.70	21.01	20.98
EOM	16.88	16.06	18.47	20.64	20.72	18.54	17.06	20.63	20.63	19.90	21.08	21.08
MEAN	17.42	16.45	16.60	20.24	20.48	20.30	17.68	19.78	19.12	20.66	20.86	20.96
MAX	18.24	16.86	18.92	20.79	21.05	20.96	18.47	21.15	20.88	21.21	21.08	21.27
MIN	16.88	16.06	16.11	18.28	19.77	18.54	17.06	16.94	17.30	19.90	20.69	20.76
WTR YR 1979	MEAN	19.21	MAX	21.27	SEP 22	MIN	16.06	NOV 30				

## HILLSBOROUGH COUNTY

WELL NUMBER.--280102082221801. Harney Canal Well at S-161 near Temple Terrace, FL.

LOCATION.--Lat 28°01'02", long 82°22'18", in NE¼SE¼ sec.26, T.28 S., R.19 E., Hydrologic Unit 03100206, 500 ft (150 m) east of Harney Road, and 1.5 mi (2.4 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

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

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.96 ft (1.21 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.--January 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.09 ft (6.43 m) NGVD, Sept. 30, 1979, water level rising; lowest, 17.12 ft (5.22 m) NGVD, Dec. 23, 1978.

ELEVATION, IN 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	19.01	17.95	17.75	18.12	19.00	19.61	19.84	18.38	20.34	20.31	20.35	19.58
10	18.76	17.74	17.70	18.38	18.95	19.49	19.78	19.92	20.29	20.32	20.39	20.13
15	18.75	17.51	17.60	19.10	19.32	19.69	19.52	20.23	20.25	20.49	20.18	19.32
20	18.68	17.43	17.21	19.32	19.61	19.87	19.09	20.29	20.02	20.60	20.43	18.79
25	18.36	17.49	17.22	18.99	19.81	20.05	19.01	20.39	20.25	20.41	20.66	20.15
COM	18.20	17.46	17.65	19.05	19.60	19.96	18.71	20.42	20.25	20.24	20.22	21.09
MEAN	18.65	17.64	17.50	18.75	19.28	19.71	19.40	19.82	20.25	20.40	20.38	19.74
MAX	19.11	18.15	17.75	19.37	19.81	20.07	19.94	20.57	20.41	20.66	20.71	21.09
MIN	18.20	17.39	17.12	17.76	18.89	19.09	18.71	18.37	20.02	20.19	20.08	18.67
WTR YR 1979 MEAN	19.29		MAX	21.09 SEP 30	MIN	17.12 DEC 23						

WELL NUMBER.--280103082210901. USCE Well TBC-06 near Temple Terrace, FL.

LOCATION.--Lat 28°01'03", long 82°21'09", in NE¼SE¼ sec.25, T.28 S., R.19 E., Hydrologic Unit 03100206, 1.5 mi (0.5 km) south of intersection Interstate 4 and U. S. Highway 301, and 2.7 mi (4.3 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 100 ft (30 m), cased to 57 ft (17 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.80 ft (0.24 m) above land-surface datum.

DATUM.--Land-surface datum is 19.90 ft (6.07 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 16.00 ft (4.88 m) NGVD. See PERIOD OF RECORD.

COOPERATION.--Some records furnished by Southwest Florida Water Management District.

PERIOD OF RECORD.--August 1975 to September 1977 (weekly), incomplete; October 1977 to current year (twice monthly). The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +4.04 ft (1.23 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.68 ft (6.30 m) NGVD, Nov. 6, 1975; lowest measured, 14.49 ft (4.42 m) NGVD, June 15, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1230	17.06	09...	1215	17.17
23...	1750	16.89	16...	1300	18.13
NOV			25...	1055	18.23
09...	1143	16.40	27...	1635	18.13
DEC			JUN		
18...	1344	16.08	21...	1050	17.78
29...	1330	16.13	28...	1245	18.01
JAN , 1979			JUL		
31...	1050	16.91	17...	1530	18.47
FEB			26...	1210	18.41
22...	1715	16.96	AUG		
MAR			16...	1050	18.58
09...	1405	17.20	29...	1055	18.85
22...	1300	17.37	SEP		
28...	1300	17.40	07...	1243	18.45
APR			17...	1530	17.67
16...	1310	16.99	20...	1130	17.39
20...	1100	16.79			



## HILLSBOROUGH COUNTY

WELL NUMBER.--28010508222801. USCE Well TBC-08 near Temple Terrace, FL.

LOCATION.--Lat 28°01'05", long 82°22'28", in SW¼NE¼ sec.26, T.28 S., R.19 E., Hydrologic Unit 03100206, 1.5 mi (2.4 km) southeast of Temple Terrace, and 1.9 mi (3.1 km) northwest of intersection Interstate 4 and U. S. Highway 301.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 100 ft (30 m), cased to 43 ft (13 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.03 ft (0.92 m) above land-surface datum.

DATUM.--Land-surface datum is 26.00 ft (7.92 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records furnished by Southwest Florida Water Management District.

PERIOD OF RECORD.--August 1975 to April 1976 (weekly); May 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 22.63 ft (6.90 m) NGVD, July 16, 1979; lowest, 14.98 ft (4.57 m) NGVD, June 29, 1977.

ELEVATION, IN 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	20.75	19.26	19.44	19.70	21.20	21.59	22.37	20.15	21.94	22.09	21.70	19.75
10	20.53	19.04	19.20	20.20	21.16	21.16	22.31	22.18	22.11	21.95	21.56	20.10
15	20.31	18.69	19.40	21.62	21.81	21.58	22.02	21.71	22.21	22.08	20.75	19.00
20	20.25	18.76	18.10	21.81	22.25	22.12	21.48	21.72	22.08	22.01	21.07	18.26
25	19.80	18.96	17.30	21.35	22.43	22.19	20.99	21.51	22.12	21.47	21.10	19.64
COM	19.60	19.09	19.00	21.28	21.68	22.35	20.63	21.79	21.99	21.51	20.11	20.18
MEAN	20.24	18.99	18.64	20.55	21.63	21.74	21.76	21.52	22.08	21.91	21.16	19.34
MAX	20.75	19.55	19.44	21.92	22.43	22.39	22.40	22.58	22.21	22.63	21.87	20.50
MIN	19.60	18.67	15.30	17.20	21.06	20.33	20.63	20.04	21.78	21.36	20.11	17.71
WTR YR 1979 MEAN	20.79		MAX	22.63	JUL 16	MIN	15.30	DEC 17				

NOTE.--Record estimated Dec. 10 to Jan. 14, Sept. 5-20.

WELL NUMBER.--280112082270101. Tourist Club Well at Sulphur Springs, FL.

LOCATION.--Lat 28°01'12", long 82°27'01", in SW¼NW¼ sec.30, T.28 S., R.19 E., Hydrologic Unit 03100205, on south side of East River Cove Drive, and 0.1 mi (0.2 km) east of U. S. Highway 41 at Sulphur Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused private, artesian well, diameter 8 in (20 cm), depth 318 ft (97 m), cased to 80 ft (24 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 2 in (5 cm) horizontal discharge pipe, 0.3 ft (0.1 m) below land-surface datum.

DATUM.--Altitude of land-surface datum is 10 ft (3.0 m), from topographic map.

PERIOD OF RECORD.--September 1958 to September 1977 (monthly), incomplete; October 1977 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, 12.50 ft (3.81 m) NGVD, Sept. 3, 1969; lowest measured, 7.60 ft (2.32 m) NGVD, Jan. 18, 1978.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			JUN , 1979		
10...	1310	9.88	07...	0910	10.20
MAR , 1979			JUL		
12...	1325	10.09	30...	1408	10.13
APR			SEP		
10...	1240	9.86	17...	1448	10.83
MAY					
17...	1050	7.88			

## HILLSBOROUGH COUNTY

WELL NUMBER.--280116082201501. USCE Test Well 3E-ES near Temple Terrace, FL.

LOCATION.--Lat 28°01'16", long 82°20'15", in SE¼NW¼ sec.30, T.28 S., R.20 E., Hydrologic Unit 03100206, 2.1 mi (3.4 km) northeast of intersection Interstate 4 and U. S. Highway 301, and 3.6 mi (5.8 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 84 ft (26 m), cased to 31 ft (9 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.40 ft (0.12 m) above land-surface datum. Prior to August 1977, top of casing, 5.40 ft (1.65 m) above land-surface datum.

DATUM.--Land-surface datum is 19.53 ft (5.95 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1973 to March 1975 (quarterly); May 1975 to September 1975 (semiannually); November 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly). Records of water levels prior to November 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.69 ft (7.53 m) NGVD, Sept. 15, 1975; lowest measured, 14.65 ft (4.47 m) NGVD, June 15, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
22...	1433	17.20	18...	1053	18.25
DEC			JUL		
15...	0553	16.19	19...	1420	18.94
FEB , 1979			SEP		
22...	1040	16.98	17...	1626	19.53
APR					
12...	1055	17.20			

WELL NUMBER.--280116082202601. USCE Test Well 2E-ES near Temple Terrace, FL.

LOCATION.--Lat 28°01'16", long 82°20'26", in NE¼SW¼ sec.30, T.28 S., R.20 E., Hydrologic Unit 03100206, 1.9 mi (3.1 km) northeast of intersection Interstate 4 and U. S. Highway 301, and 2.5 mi (4.0 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 91 ft (28 m), cased to 41 ft (12 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.70 ft (0.52 m) above land-surface datum.

DATUM.--Land-surface datum is 19.97 ft (6.09 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 17.57 ft (5.36 m) NGVD. See PERIOD OF RECORD.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--February 1972 to August 1974, incomplete; November 1976 to December 1977; January 1978 to current year (bimonthly). Records of water levels prior to November 1976 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -0.90 ft (0.27 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 22.10 ft (6.74 m) NGVD, Aug. 10, 1974; lowest, 14.32 ft (4.36 m) NGVD, June 29, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
22...	1425	17.16	18...	1045	18.19
DEC			JUL		
15...	0845	16.21	19...	1415	18.88
FEB , 1979			SEP		
22...	1035	16.92	17...	1620	19.44
APR					
12...	1045	17.15			

## HILLSBOROUGH COUNTY

WELL NUMBER.--280116082205301. USCE Test Well 2W-ES near Temple Terrace, FL.

LOCATION.--Lat 28°01'16", long 82°20'53", in SE¼NW¼ sec.30, T.28 S., R.20 E., Hydrologic Unit 03100206, 1.8 mi (2.9 km) north of intersection Interstate 4 and U. S. Highway 301, and 2.9 mi (4.7 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 86.7 ft (26.4 m), cased to 36.5 ft (11.1 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of coupling, at land-surface datum. Prior to July 1, 1976, top of casing, 3.5 ft (1.1 m) above land-surface datum; July 1, 1976, to Nov. 19, 1976, top of casing, 2.5 ft (0.8 m) above land-surface datum.

DATUM.--Land-surface datum is 21.20 ft (6.46 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 21 ft (6.4 m), from topographic map. See PERIOD OF RECORD.

PERIOD OF RECORD.--September 1973 to April 1976 (bimonthly), incomplete; May 1976 September 1977 (monthly), incomplete; October 1977 to current year (bimonthly). Records of water levels prior to January 1974 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +0.21 ft (0.06 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.87 ft (6.67 m) NGVD, Sept. 17, 1974; lowest measured, 14.58 ft (4.44 m) NGVD, June 15, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
23...	1755	17.00	27...	1605	18.29
DEC			JUL		
15...	1515	16.24	17...	1600	18.65
APR , 1979			SEP		
16...	1225	17.17	02...	1310	18.03
MAY			17...	1545	17.90
16...	1530	18.28			

WELL NUMBER.--280116082210101. USCE Test Well 3W-ES near Temple Terrace, FL.

LOCATION.--Lat 28°01'16", long 82°21'01", in SW¼NW¼ sec.30, T.28 S., R.20 E., Hydrologic Unit 03100206, 1.8 mi (2.9 km) north of intersection Interstate 4 and U. S. Highway 301, and 2.7 mi (4.3 km) southeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 87 ft (26 m), cased to 36 ft (11 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of cap, 3.05 ft (0.93 m) above land-surface datum.

DATUM.--Land-surface datum is 20.51 ft (6.25 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.55 ft (5.65 m) NGVD, July 17, 1979; lowest measured, 14.51 ft (4.42 m) NGVD, June 15, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
23...	1535	16.98	17...	1307	18.01
DEC			JUL		
18...	1337	16.11	17...	1545	18.55
FEB , 1979			SEP		
26...	1123	17.22	17...	1540	17.80
APR					
16...	1245	17.09			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--280122082214701. Tampa Bypass Deep Well 604 near Temple Terrace, FL.

LOCATION.--Lat 28°01'22", long 82°21'47", in NE¼SW¼ sec.25, T.28 S., R.19 E., Hydrologic Unit 03100206, 2.1 mi (3.4 km) north of intersection Interstate 4 and U. S. Highway 301, and 2.2 mi (3.5 km) east of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused private, artesian well, diameter 8 in (20 cm), depth 58 ft (18 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.0 ft (0.3 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 27 ft (8.2 m), from topographic map.

PERIOD OF RECORD.--September 1973 to March 1975 (quarterly); May 1975 to May 1976 (semiannual); November 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly). Records of water levels prior to November 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.80 ft (6.64 m) NGVD, July 3, 1974; lowest measured, 15.03 ft (4.58 m) NGVD, June 15, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
23...	1425	18.11	18...	1218	19.73
DEC			JUL		
28...	1140	17.01	19...	1705	20.23
FEB , 1979			SEP		
22...	1535	18.86	20...	0945	18.81
APR					
16...	1105	18.86			

WELL NUMBER.--280142082195901. Tampa Bypass Forbes Well near Temple Terrace, FL.

LOCATION.--Lat 28°01'42", long 82°19'59", in SW¼SW¼ sec.20, T.28 S., R.20 E., Hydrologic Unit 03100206, 1.8 mi (2.9 km) south of intersection State Highway 582 and U. S. Highway 301, and 3.7 mi (6.0 km) east of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, private, artesian well, diameter 3 in (8 cm).

INSTRUMENTATION.--Tape measured. Measuring point: Top of T-joint, 1.8 ft (0.5 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 26 ft (7.9 m), from topographic map.

PERIOD OF RECORD.-- November 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.87 ft (6.97 m) NGVD, Sept. 20, 1979; lowest measured, 15.84 ft (4.83 m) NGVD, June 15, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
23...	1530	18.60	18...	1131	19.81
DEC			JUL		
18...	1320	17.18	19...	1520	21.28
FEB , 1979			SEP		
26...	1205	18.39	20...	1200	22.87
APR					
17...	0845	18.66			

## HILLSBOROUGH COUNTY

WELL NUMBER.--280142082210901. Tampa Bypass Deep Well 603 near Temple Terrace, FL.

LOCATION.--Lat 28°01'42", long 82°21'09", in SE¼SE¼ sec.24, T.28 S., R.20 E., Hydrologic Unit 03100206, 2.2 mi (3.5 km) southwest of intersection State Highway 580 and U. S. Highway 301, and 2.5 mi (4.0 km) east of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 12 in (30 cm).

INSTRUMENTATION.--Tape measured. Measuring point: End of 2 in (5 cm) diagonal access pipe at land-surface datum. Prior to July 1978, end of 6 in (15 cm) discharge pipe, 4.0 ft (1.2 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 40 ft (12 m), from topographic map.

PERIOD OF RECORD.--September 1973 to March 1975 (quarterly); May 1975 to September 1975 (semiannual); December 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly). Records of water levels prior to December 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.66 ft (7.82 m) NGVD, Sept. 17, 1974; lowest measured, 14.85 ft (4.53 m) NGVD, June 15, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
23...	1845	17.31	18...	1210	18.84
FEB , 1979			JUL		
22...	1030	17.69	19...	1720	19.54
APR			SEP		
16...	1125	17.85	20...	1000	18.85

WELL NUMBER.--280144082212201. USCE Well TBC-10 near Temple Terrace, FL.

LOCATION.--Lat 28°01'44", long 82°21'22", in SE¼SE¼ sec.24, T.28 S., R.19 E., Hydrologic Unit 03100206, 2.3 mi (3.7 km) north of intersection Interstate 4 and U. S. Highway 301, and 2.3 mi (3.7 km) east of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 56 ft (17 m), cased to 28 ft (8 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 45 ft (14 m), from topographic map.

COOPERATION.--Some records furnished by Southwest Florida Water Management District.

PERIOD OF RECORD.--August 1975 to September 1977 (weekly), incomplete; October 1977 to current year (twice monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.52 ft (5.95 m) NGVD, Oct. 30, 1975; lowest measured, 11.97 ft (3.65 m) NGVD, Aug. 2, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1255	15.73	09...	1240	15.89
23...	1840	15.51	18...	1215	16.97
NOV			25...		
09...	1117	14.87	1030	17.20	
DEC			JUN		
18...	1130	14.32	21...	1025	16.90
29...	1240	14.40	28...	1030	17.09
JAN , 1979			JUL		
31...	1020	15.63	19...	1535	17.69
FEB			26...		
22...	1325	15.87	1010	17.58	
22...	1545	15.87	AUG		
MAR			16...		
09...	1335	16.00	1040	17.61	
22...	1236	16.45	29...	1030	17.95
28...	1236	16.52	SEP		
APR			07...		
16...	1030	16.06	1515	17.60	
20...	1030	15.77	20...	0952	16.91
			20...	1000	16.94



## HILLSBOROUGH COUNTY

WELL NUMBER.--280145082132501. Tampa Deep Well 15 near Dover, FL.

LOCATION.--Lat 28°01'50", long 82°13'25", in NE¼SE¼ sec.20, T.28 S., R.21 E., Hydrologic Unit 03100205, 0.3 mi (0.5 km) north of Interstate 4, and 2.5 mi (4.0 km) north of Dover.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 16 in (41 cm), depth 413 ft (126 m), cased to 67 ft (20 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.11 ft (1.25 m) above land-surface datum.

DATUM.--Land-surface datum is 69.86 ft (21.29 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--November 1958 to current year, incomplete. 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, 71.91 ft (21.92 m) NGVD, Sept. 15, 1959; lowest, 54.17 ft (16.51 m) NGVD, May 9, 1975.

ELEVATION, IN 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	61.51	54.79	58.00	56.26	61.70	63.69	60.83	59.26	62.94	61.60	64.06	68.04
10	61.13	55.67	58.35	59.51	62.38	64.82	60.37	61.66	61.71	63.06	64.90	67.69
15	60.81	55.68	57.99	60.93	61.19	64.14	58.98	63.21	61.67	64.36	66.52	68.18
20	58.61	55.94	57.69	62.01	61.36	63.35	58.76	62.87	60.79	64.97	66.59	67.88
25	56.05	56.25	58.21	62.65	62.33	63.48	59.38	63.30	60.67	65.06	67.19	68.70
LOM	55.11	56.12	59.76	63.01	63.25	61.55	59.59	63.76	61.13	64.49	67.60	69.54
MEAN	59.13	55.72	58.17	60.77	61.71	63.60	59.71	62.07	61.58	63.72	65.99	68.25
MAX	61.89	56.39	59.76	63.01	63.25	64.92	61.32	63.80	63.70	65.06	67.60	69.54
MIN	55.11	54.69	56.37	54.48	60.00	61.55	58.27	59.10	60.23	61.27	64.06	67.63
WTR YR 1979	MEAN	61.71	MAX	69.54	SEP 30	MIN	54.48	JAN 4				

WELL NUMBER.--280148082203801. USCE Well TBC-04 near Temple Terrace, FL.

LOCATION.--Lat 28°01'48", long 82°20'38", in NE¼SW¼ sec.19, T.28 S., R.20 E., Hydrologic Unit 03100206, 2.5 mi (4.1 km) north of intersection Interstate 4 and U. S. Highway 301, and 3.0 mi (4.8 km) east of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 110 ft (34 m), cased to 33 ft (10 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum. Prior to Feb. 24, 1977, top of casing, 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 33.88 ft (10.33 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Land surface changed by spoil bank created by Tampa Bypass Canal construction.

COOPERATION.--Some records furnished by Southwest Florida Water Management District.

PERIOD OF RECORD.--May, December 1975; February to June 1976 (monthly); July 1976 to September 1977 (weekly), incomplete; October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.38 ft (5.91 m) NGVD, Sept. 7, 1979; lowest measured, 13.28 ft (4.05 m) NGVD, May 6, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1225	17.48	20...	1120	17.28
23...	1810	17.28	MAY		
NOV			18...	1113	18.50
09...	1145	16.75	25...	1100	18.74
DEC			JUN		
15...	1557	16.39	21...	1055	18.34
29...	1350	16.38	28...	1300	18.58
JAN , 1979			JUL		
31...	1055	17.28	19...	1445	19.08
FEB			26...	1215	19.01
22...	1650	17.40	AUG		
MAR			16...	1100	19.17
09...	1420	17.67	SEP		
22...	1310	17.89	07...	1308	19.38
28...	1320	17.93	17...	1558	18.47
APR			20...	1110	18.19
16...	1150	17.51			



## HILLSBOROUGH COUNTY

WELL NUMBER.--280203082202301. USCE Well TBC-03 near Temple Terrace, FL.

LOCATION.--Lat 28°02'03", long 82°20'23", in SW¼NE¼ sec.19, T.28 S., R.20 E., Hydrologic Unit 03100206, 2.8 mi (4.5 km) north of intersection Interstate 4 and U. S. Highway 301, and 3.3 mi (5.3 km) east of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 100 ft (30 m), cased to 37 ft (11 m).

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

DATUM.--Land-surface datum is 36.18 ft (11.03 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1978, land-surface datum was considered to be 30 ft (9.1 m) NGVD. See PERIOD OF RECORD.

COOPERATION.--Some records furnished by Southwest Florida Water Management District.

PERIOD OF RECORD.--August 1975 to June 1976 (monthly), incomplete; July 1976 to September 1977 (weekly), incomplete; October 1977 to current year (twice monthly). The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1978, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +6.18 ft (1.88 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.44 ft (7.14 m) corrected, NGVD, Oct. 2, 1975; lowest measured, 15.51 ft (4.73 m) corrected, NGVD, July 8, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1215	18.79	09...	1245	18.87
23...	1500	18.57	18...	1104	19.97
NOV			25...	1110	20.27
09...	1158	17.89	JUN		
DEC			21...	1100	20.07
18...	1310	17.29	28...	1310	20.28
29...	1355	17.37	JUL		
JAN , 1979			19...	1500	21.01
31...	1100	18.46	26...	1225	21.94
FEB			AUG		
22...	1334	20.65	16...	1110	21.09
26...	1136	18.81	29...	1105	21.51
MAR			SEP		
09...	1-15	18.99	02...	1300	20.85
22...	1315	19.38	11...	1030	21.19
28...	1325	19.46	17...	1603	21.12
APR			20...	1030	20.70
16...	1330	18.95			
20...	1125	18.70			

WELL NUMBER.--280209082280301. ROMP Deep Well 66 at Sulphur Springs, FL.

LOCATION.--Lat 28°02'09", long 82°28'03", in SW¼NW¼ sec.24, T.28 S., R.18 E., Hydrologic Unit 03100205, 50 ft (15 m) east of North Boulevard, and 0.2 mi (0.3 km) north of intersection Busch Boulevard and North Boulevard in Sulphur Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 250 ft (76 m), cased to 42 ft (13 m).

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

DATUM.--Land-surface datum 38.08 ft (11.61 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 24.07 ft (7.34 m) NGVD, Sept. 30, 1979; lowest, 12.04 ft (3.67 m) NGVD, June 29, 1977.

ELEVATION, IN 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	15.53	14.57	13.67	13.69	14.42	14.83	14.82	14.15	17.93	17.58	17.03	19.73
10	15.37	14.42	13.61	13.84	14.43	15.18	14.89	16.84	17.47	17.65	17.81	19.74
15	15.28	14.23	13.56	14.16	14.18	15.32	14.65	17.58	17.31	17.66	18.53	19.80
20	15.11	14.03	13.53	14.43	14.35	15.41	14.41	17.67	16.88	17.57	19.16	20.07
25	14.86	13.86	13.41	14.43	14.35	15.52	14.49	18.09	16.88	17.58	19.41	23.02
EOM	14.71	13.66	13.51	14.39	14.64	15.41	14.30	18.19	17.40	17.19	19.66	24.07
MEAN	15.20	14.20	13.55	14.10	14.33	15.24	14.66	16.81	17.36	17.54	18.49	20.82
MAX	15.66	14.69	13.67	14.51	14.64	15.52	15.38	18.19	18.20	17.66	19.66	24.07
MIN	14.71	13.66	13.39	13.52	14.12	14.65	14.30	14.12	16.84	17.19	17.03	19.62
WTR YR 1979	MEAN	16.03	MAX	24.07	SEP 30	MIN	13.39	DEC 27				

## HILLSBOROUGH COUNTY

WELL NUMBER.--280229082200201. Tampa Bypass Deep Well 600 near Temple Terrace, FL.

LOCATION.--Lat 28°02'29", long 82°20'02", in SW¼SW¼ sec.17, T.28 S., R.20 E., Hydrologic Unit 03100206, 0.9 mi (1.4 km) south of intersection State Highway 580 and U. S. Highway 301, and 3.7 mi (5.9 km) east of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 12 in (30 cm).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.25 ft (0.08 m) above land-surface datum.

DATUM.--Land-surface datum is 58.19 ft (17.74 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to March 1975 (quarterly); May 1975 to May 1976 (semiannual); November 1976 to September 1977 (monthly), incomplete; October 1977 to current year (bimonthly). Records of water levels prior to May 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.89 ft (8.81 m) NGVD, Sept. 20, 1974; lowest measured, 16.44 ft (5.01 m) NGVD, June 15, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
23...	1010	19.13	18...	1120	20.49
DEC			JUL		
15...	1028	17.67	19...	1510	22.18
FEB , 1979			SEP		
26...	1152	19.04	02...	1245	23.26
APR			17...	1644	23.88
16...	1355	19.47			

WELL NUMBER.--280230082205601. USCE Well TBC-02 near Temple Terrace, FL.

LOCATION.--Lat 28°02'30", long 82°20'56", in SW¼SW¼ sec.18, T.28 S., R.20 E., Hydrologic Unit 03100206, 1.3 mi (2.1 km) southwest of intersection State Highway 582 and U. S. Highway 301, and 2.8 mi (4.5 km) northeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 100 ft (30 m), cased to 40 ft (12 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 43 ft (13 m), from topographic map.

COOPERATION.--Some records furnished by Southwest Florida Water Management District.

PERIOD OF RECORD.--August 1975 to December 1975 (monthly), incomplete; December 1976 to September 1977 (weekly), incomplete; October 1977 to September 1978 (twice monthly); October 1978 to September 1979 (monthly). Records of water levels prior to December 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.13 ft (5.53 m) NGVD, Sept. 18, 1975; lowest measured, 10.16 ft (3.10 m) NGVD, July 8, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAR , 1979		
12...	1258	13.79	28...	1335	14.53
22...	1845	13.56	APR		
DEC			17...		
15...	1453	11.99	0920		
29...	1400	11.90	13.83		
JAN , 1979			MAY		
29...	1630	13.19	27...		
31...	1105	13.19	1555		
FEB			15.92		
22...	1340	13.35	JUL		
26...	1225	13.63	19...		
MAR			1730		
09...	1430	14.03	16.68		
22...	1335	14.37	SEP		
			02...		
			1215		
			17.02		
			20...		
			1115		

## HILLSBOROUGH COUNTY

WELL NUMBER.--280241082231401. Temple Terrace Well 4 at Temple Terrace, FL.

LOCATION.--Lat 28°02'41", long 82°23'14", in NE¼SE¼ sec.15, T.28 S., R.19 E., Hydrologic Unit 03100205, 500 ft (150 m) south of White-way Drive, and 0.3 mi (0.5 km) east of State Highway 583 at Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, domestic, artesian well, diameter 8 in (20 cm), depth 510 ft (155 m), cased to 87 ft (26 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 12 in (30 cm) casing, 1.53 ft (0.47 m) above land-surface datum. Prior to July 31, 1979, top of 0.75 in (2 cm) coupling, 1.72 ft (0.52 m) above land-surface datum.

DATUM.--Land-surface datum is 80.15 ft (24.43 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--April 1965 to September 1977 (bimonthly); October 1977 to current year (monthly). 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, 24.63 ft (7.51 m) NGVD, Sept. 5, 1972; lowest measured, 14.95 ft (4.56 m) NGVD, July 1, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
30...	0135	19.55	18...	1350	21.44
NOV			JUN		
28...	1235	17.30	05...	0935	21.54
JAN , 1979			25...	0950	21.04
03...	0140	17.68	JUL		
29...	1110	19.60	31...	0850	16.76
MAR			AUG		
06...	0735	20.02	27...	1015	19.82
24...	1340	20.34	SEP		
MAY			19...	0945	22.47
01...	0105	18.87			

WELL NUMBER.--280243082203701. USCE Well TBC-01 near Temple Terrace, FL.

LOCATION.--Lat 28°02'43", long 82°20'37", in NW¼SE¼ sec.18, T.28 S., R.20 E., Hydrologic Unit 03100206, 2.9 mi (4.7 km) east of Temple Terrace, and 3.3 mi (5.3 km) north of intersection Interstate 4 and U. S. Highway 301.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 110 ft (34 m), cased to 46 ft (14 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 45 ft (14 m), from topographic map.

COOPERATION.--Some records furnished by Southwest Florida Water Management District.

PERIOD OF RECORD.--August 1975 to June 1976 (twice monthly), incomplete; July 1976 to November 1977 (weekly), incomplete; December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.-- Highest daily maximum water level, 28.42 ft (8.66 m) NGVD, Sept. 30, 1979, water level rising; lowest water level measured, 17.84 ft (5.44 m) NGVD, July 8, 1977.

ELEVATION, IN 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	21.97	20.79	19.88	19.92	21.04	21.70	22.23	21.09	23.98	23.75	24.05	24.77
10	21.75	20.58	19.87	20.09	21.07	21.97	22.12	22.21	23.77	24.27	24.19	24.95
15	21.66	20.35	19.80	20.57	21.04	22.21	21.93	22.85	23.58	24.49	24.87	25.00
20	21.56	20.18	19.62	20.77	21.16	22.29	21.44	23.10	23.08	24.63	24.84	25.11
25	21.37	20.00	19.64	20.92	21.45	22.42	21.55	23.70	23.50	24.58	24.99	26.61
EOM	21.04	19.83	19.80	21.04	21.58	22.36	21.38	24.00	23.63	24.17	25.06	28.42
MEAN	21.62	20.36	19.77	20.50	21.16	22.11	21.85	22.69	23.60	24.29	24.66	25.54
MAX	22.09	21.00	19.89	21.04	21.58	22.42	22.35	24.00	24.02	24.65	25.06	28.42
MIN	21.04	19.83	19.59	19.84	20.99	21.40	21.38	21.08	23.08	23.60	24.05	24.77
WTR YR 1979	MEAN	22.35		MAX	28.42	SEP 30	MIN	19.59	DEC 21	AND OTHERS		

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--280352082210201. Gates Trailer Park Well near Temple Terrace, FL.

LOCATION.--Lat 28°03'52", long 82°21'02", in SW¼ sec.7, T.28 S., R.20 E., Hydrologic Unit 03100205, 1.4 mi (2.2 km) northwest of intersection State Highway 582 and U. S. Highway 301, and 3.4 mi (5.5 km) northeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, public supply, artesian well, diameter 4 in (10 cm), depth 120 ft (37 m), cased to 46 ft (14 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.5 ft (0.5 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 38.5 ft (11.7 m), from topographic map.

PERIOD OF RECORD.--March 1973 to July 1976 (quarterly), incomplete; November 1976 to current year (bimonthly), incomplete. Records of water levels prior to November 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.68 ft (9.05 m) NGVD, Sept. 19, 1974; lowest measured, 21.91 ft (6.68 m) NGVD, Dec. 19, 1978.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
23...	1545	23.96	17...	1030	26.08
DEC			31...	1950	25.14
15...	1420	23.00	JUL		
19...	0845	21.91	19...	1815	25.39
FEB , 1979			SEP		
26...	1324	24.62	02...	1200	27.43
APR			20...	1125	28.67
17...	1020	23.55			

WELL NUMBER.--280354082381901. St. Petersburg Deep Well E-101 near Citrus Park, FL.

LOCATION.--Lat 28°03'54", long 82°38'19", in SW¼ sec.7, T.28 S., R.17 E., Hydrologic Unit 03100206, 50 ft (15 m) northwest of Race Track Road, 3.5 mi (5.6 km) southwest of Cosme Water Plant, and 4.4 mi (7.1 km) west of Citrus Park.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 807 ft (246 m), cased to 710 ft (216 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.54 ft (1.38 m) above land-surface datum.

DATUM.--Land-surface datum is 15.00 ft (4.57 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records furnished by City of St. Petersburg.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--January 1972 to current year, incomplete. 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, 18.17 ft (5.54 m) NGVD, Sept. 29, 1979; lowest, 13.59 ft (4.14 m) NGVD, Apr. 29, 1976, May 21, 1977.

ELEVATION, IN 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	16.42	15.82	16.00	16.04	16.46	16.55	15.48	14.93	16.12	15.27	15.50	17.50
10	16.19	15.66	15.99	16.11	16.12	16.73	15.39	16.50	15.49	15.84	16.38	17.42
15	16.36	15.41	15.71	16.53	15.92	16.50	15.00	16.75	15.31	15.95	16.97	17.90
20	16.04	15.23	15.74	16.84	15.86	16.11	14.28	16.39	14.84	16.14	16.98	17.50
25	15.62	15.24	15.85	16.82	16.33	16.45	15.29	16.39	14.66	16.21	17.07	17.79
EOM	16.00	15.60	16.12	16.62	16.34	15.90	15.37	16.30	15.49	15.71	17.35	18.11
MEAN	16.13	15.53	15.81	16.53	16.17	16.34	15.15	16.11	15.35	15.86	16.61	17.73
MAX	16.49	16.00	16.12	16.92	16.63	16.78	15.86	16.77	16.39	16.23	17.35	18.17
MIN	15.62	15.21	15.58	15.93	15.86	15.90	14.22	14.91	14.52	15.26	15.50	17.42
WTR YR 1979	MEAN	16.11	MAX	18.17	SEP 29	MIN	14.22	APR 21				

## HILLSBOROUGH COUNTY

WELL NUMBER.--280414082195201. Tampa Bypass Deep Well No. 520 near Temple Terrace, FL.

LOCATION.--Lat 28°04'14", long 82°19'52", in SE¼SW¼ sec.5, T.28 S., R.20 E., Hydrologic Unit 03100205, 1.1 mi (1.8 km) north of intersection State Highway 582 and U. S. Highway 301, and 4.7 mi (7.6 km) northeast of Temple Terrace.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 10 in (25 cm).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.60 ft (0.18 m) above land-surface datum.

DATUM.--Land-surface datum is 46.80 ft (14.26 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1973 to March 1975 (quarterly); May 1975 to September 1975 (semiannual); January 1977 to current year (bimonthly), incomplete. Records of water levels prior to January 1977 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.28 ft (8.62 m) NGVD, July 1, 1974; lowest measured, 19.28 ft (5.88 m) NGVD, May 14, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
JAN , 1979			JUL , 1979		
29...	1715	21.41	19...	1830	24.09
FEB			SEP		
26...	1342	22.42	02...	1140	26.34
APR			17...	1705	27.65
17...	1115	21.69			
MAY					
17...	1237	23.78			

WELL NUMBER.--280446082302501. Sirotowitz Well near Sulphur Springs, FL.

LOCATION.--Lat 28°04'46", long 82°30'25", in SW¼NE¼ sec.4, T.28 S., R.18 E., Hydrologic Unit 03100206, 0.1 mi (0.2 km) east of State Highway 597, 0.6 mi (1.0 km) south of Ehrlich Road, and 5.1 mi (8.2 km) northwest of Sulphur Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 12 in (30 cm), depth 556 ft (170 m), cased to 65 ft (20 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of coupling, at land-surface datum. Prior to June 2, 1976, top of access hole in pump base, at land-surface datum.

DATUM.--Land-surface datum is 58.63 ft (17.87 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--June 1968 to September 1977 (bimonthly); October 1977 to current year (monthly). 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, 41.55 ft (12.66 m) NGVD, Sept. 17, 1979; lowest measured, 26.62 ft (8.11 m) NGVD, Aug. 29, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1725	35.47	01...	0825	33.20
NOV			14...	1013	38.81
09...	0440	34.21	30...	1000	37.62
29...	1155	33.13	JUL		
DEC			03...	1035	35.72
29...	1330	32.95	27...	1325	37.20
FEB , 1979			AUG		
05...	0925	37.66	29...	1455	40.98
27...	0407	37.50	SEP		
APR			17...	1615	41.55
05...	1200	34.14			



## HILLSBOROUGH COUNTY

WELL NUMBER.--280504082365501. St. Petersburg Deep Well E-102 near Citrus Park, FL.

LOCATION.--Lat 28°05'04", long 82°36'55", in NE¼NE¼ sec.5, T.28 S., R.17 E., Hydrologic Unit 03100206, 300 ft (90 m) northwest of Race Track Road, 1.4 mi (2.2 km) southwest of Cosme Water Plant, and 2.6 mi (4.2 km) west of Citrus Park.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 1,200 ft (366 m), cased to 697 ft (212 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of metal plate below recorder shelter floor 2.28 ft (0.69 m) above land-surface datum.

DATUM.--Land-surface datum is 29.00 ft (8.84 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

COOPERATION.--Some records furnished by city of St. Petersburg.

PERIOD OF RECORD.--January 1972 to current year, incomplete. 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, 25.47 ft (7.76 m) NGVD, Sept. 30, 1979, water level rising; lowest, 15.19 ft (4.63 m) NGVD, May 9, 1975.

ELEVATION, IN 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	21.52	20.92	20.62	22.10	22.33	22.10	19.34	18.75	21.89	20.87	20.68	24.57
10	21.60	20.20	21.09	22.25	21.99	22.74	19.67	22.20	20.37	21.62	22.33	23.75
15	22.09	19.56	21.24	22.30	21.64	22.32	18.98	22.94	20.10	22.13	23.74	24.83
20	21.19	18.74	20.69	22.57	21.25	21.32	17.46	22.38	19.40	22.21	23.46	24.50
25	20.42	19.41	21.12	22.30	21.54	22.03	19.88	22.29	18.38	22.14	23.97	25.01
EOM	21.18	18.31	21.92	22.47	22.04	20.80	19.96	22.40	20.98	21.22	24.11	25.47
MEAN	21.29	19.73	20.98	22.39	21.80	21.96	19.27	21.62	20.10	21.59	22.87	24.67
MAX	22.39	21.31	21.92	22.75	22.45	22.74	20.70	22.94	22.30	22.33	24.11	25.47
MIN	20.08	18.20	18.82	22.08	20.93	20.80	17.43	18.75	17.54	20.78	20.46	23.75
WTR YR 1979	MEAN	21.53	MAX	25.47	SEP 30	MIN	17.43	APR 21				

WELL NUMBER.--280548082355701. St. Petersburg Deep Well E-100 near Citrus Park, FL.

LOCATION.--Lat 28°05'48", long 82°35'55", in NW¼NW¼ sec.34, T.27 S., R.17 E., Hydrologic Unit 03100206, at Cosme Water Plant, 2.0 mi (3.2 km) northwest of Citrus Park.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 10 in (25 cm), depth 1,200 ft (366 m), cased to 656 ft (200 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 1.60 ft (0.49 m) above land-surface datum.

DATUM.--Land-surface datum is 41.23 ft (12.57 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--April 1972 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

REVISED RECORD.--WDR FL-75-3: 1975.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 32.05 ft (9.77 m) NGVD, Sept. 30, 1979, water level rising; lowest, 16.27 ft (4.96 m) NGVD, Apr. 20, 1972.

ELEVATION, IN 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	26.31	25.51	25.42	27.18	27.69	27.24	22.96	22.25	26.11	27.20	25.91	30.43
10	26.56	23.36	25.87	27.08	26.99	27.89	23.10	26.41	24.15	27.90	27.69	29.92
15	27.76	23.13	25.93	27.17	27.00	27.07	23.00	27.88	23.88	28.00	29.18	31.12
20	25.84	21.21	25.12	27.35	26.25	25.99	19.97	26.50	20.67	27.60	28.22	30.52
25	24.45	23.29	26.57	26.62	26.97	27.54	24.88	27.58	20.46	26.80	29.47	31.40
EOM	26.32	20.40	27.36	27.53	26.62	23.82	23.34	26.40	26.16	26.25	29.35	32.05
MEAN	25.92	23.17	25.87	27.13	26.81	26.87	22.85	26.04	23.70	27.27	28.15	30.74
MAX	27.95	26.08	27.37	27.87	27.69	28.29	24.97	28.41	26.81	28.20	30.04	32.05
MIN	23.69	20.40	22.69	26.23	24.92	23.82	19.97	22.25	20.02	25.93	24.98	29.10
WTR YR 1979	MEAN	26.22	MAX	32.05	SEP 30	MIN	19.97	APR 20				



## HILLSBOROUGH COUNTY

WELL NUMBER.--280550082202901. Morris Bridge Deep Well 10 near Branchton, FL.

LOCATION.--Lat 28°05'50", long 82°20'29", in NW¼NE¼ sec.31, T.27 S., R.20 E., Hydrologic Unit 03100205, 1.2 mi (1.9 km) west of State Highway 579, and 2.5 mi (4.0 km) southwest of Branchton.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 500 ft (152 m), cased to 90 ft (27 m).

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

DATUM.--Land-surface datum is 29.91 ft (9.12 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1974 to current year. Prior to October 1977, published as Tampa Deep Well 10 near Branchton.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 32.67 ft (9.96 m) NGVD, Sept. 30, 1979, water level rising; lowest, 19.86 ft (6.05 m) NGVD, Dec.4, 1978.

ELEVATION, IN 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	26.53	22.45	21.87	24.44	25.04	26.12	25.20	22.24	24.61	24.05	25.29	28.46
10	25.17	21.30	23.32	23.84	24.97	27.09	24.78	25.82	24.12	24.71	25.31	28.31
15	26.17	21.17	23.74	24.77	24.98	26.66	23.75	26.03	23.55	25.20	27.96	29.28
20	25.93	20.73	23.18	25.35	24.55	26.35	23.24	25.58	23.14	26.28	28.52	29.50
25	23.28	20.26	22.77	25.44	25.49	26.25	22.89	25.18	23.17	26.18	29.16	31.46
EOM	22.40	20.21	23.74	25.43	26.33	25.74	22.57	24.91	23.79	25.82	28.28	32.67
MEAN	25.01	21.12	22.75	24.82	25.04	26.39	23.94	24.74	23.82	25.25	27.28	29.65
MAX	26.78	22.47	23.74	25.56	26.33	27.11	25.72	26.14	24.82	26.31	29.21	32.67
MIN	22.40	20.16	19.86	23.80	24.29	25.74	22.57	22.16	22.89	23.63	25.29	28.24
WTR YR 1979	MEAN	24.99	MAX	32.67	SEP 30	MIN	19.86	DEC 4				

WELL NUMBER.--280550082355002. St. Petersburg Shallow Well 1 C-6 near Citrus Park, FL.

LOCATION.--Lat 28°05'50", long 82°35'50", in NW¼NW¼ sec.34, T.27 S., R.17 E., Hydrologic Unit 03100206, 2.0 mi (3.2 km) northwest of Citrus Park.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

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 metal plate below shelter floor (corrected), 1.60 ft (0.49 m) above land-surface datum.

DATUM.--Land-surface datum is 43.07 ft (13.13 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1973 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, 41.32 ft (12.59 m) NGVD, Sept. 26, 1979; lowest, 31.91 ft (9.73 m) NGVD, July 20, 1973.

ELEVATION, IN 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	37.04	36.54	36.30	37.34	37.69	37.65	37.07	36.38	37.07	37.40	36.57	39.90
10	36.91	36.41	36.42	37.28	37.54	38.17	36.94	40.30	36.80	37.20	36.70	39.22
15	36.79	36.32	36.33	37.86	37.41	37.92	36.83	40.40	36.50	37.00	38.58	39.68
20	36.73	36.20	36.19	38.04	37.21	37.64	36.68	39.20	36.30	36.95	39.21	38.91
25	36.62	36.09	36.06	37.98	37.51	37.51	36.60	38.90	36.80	36.89	38.87	41.04
EOM	36.67	36.01	36.99	37.80	37.77	37.32	36.46	37.50	37.10	36.70	40.28	40.10
MEAN	36.83	36.31	36.33	37.66	37.50	37.74	36.82	38.66	36.84	37.07	38.16	39.85
MAX	37.25	36.67	36.99	38.09	37.79	38.17	37.21	40.60	37.40	37.50	40.28	41.32
MIN	36.55	36.01	36.06	37.00	37.10	37.32	36.46	36.36	36.30	36.70	36.54	38.91
WTR YR 1979	MEAN	37.48	MAX	41.32	SEP 26	MIN	36.01	NOV 30				

## HILLSBOROUGH COUNTY

WELL NUMBER.--280605082184101. Morris Bridge Deep Well 12 near Branchton, FL.

LOCATION.--Lat 28°06'05", long 82°18'41", in SW¼SE¼ sec.28, T.27 S., R.20 E., Hydrologic Unit 03100205, 500 ft (150 m) west of State Highway 579, and 2.9 mi (4.7 km) southwest of Branchton.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 520 ft (158 m), cased to 238 ft (73 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.22 ft (0.68 m) above land-surface datum.

DATUM.--Land-surface datum is 31.63 ft (9.64 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 33.27 ft (10.14 m) NGVD, Sept. 30, 1979, water level rising; lowest, 21.60 ft (6.58 m) NGVD, Dec. 3, 4, 1978.

ELEVATION, IN 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	26.85	23.46	22.77	25.12	26.56	27.55	26.42	24.18	26.71	25.59	26.35	29.87
10	25.62	22.74	23.91	25.06	26.50	28.44	26.08	27.51	26.25	26.27	26.79	29.78
15	26.39	22.55	24.12	26.06	26.38	28.04	25.37	27.83	25.79	26.81	29.20	30.71
20	26.13	22.24	24.05	26.45	26.18	27.75	24.84	27.59	25.27	27.55	29.63	31.00
25	24.28	21.85	23.96	26.76	27.31	27.65	24.54	27.25	25.21	27.49	30.29	31.87
LOM	23.52	21.77	24.57	26.79	27.77	27.23	24.22	27.02	25.10	27.20	29.97	33.27
MEAN	25.58	22.52	23.68	25.94	26.61	27.82	25.47	26.64	25.81	26.69	28.54	30.88
MAX	27.08	23.49	24.57	26.88	27.84	28.44	27.20	27.92	26.96	27.58	30.69	33.27
MIN	23.52	21.75	21.60	24.65	26.13	27.23	24.22	24.12	24.78	24.99	26.30	29.71
WTR YR 1979 MEAN 26.35 MAX 33.27 SEP 30 MIN 21.60 DEC 3 AND OTHERS												

WELL NUMBER.--280605082184102. Morris Bridge Shallow Well 12 near Branchton, FL.

LOCATION.--Lat 28°06'05", long 82°18'41", in SW¼SE¼ sec.28, T.27 S., R.20 E., Hydrologic Unit 03100205, 500 ft (150 m) west of State Highway 579, and 2.9 mi (4.7 km) southwest of Branchton.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian 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, 2.22 ft (0.68 m) above land-surface datum.

DATUM.--Land-surface datum is 31.63 ft (9.64 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 33.50 ft (10.21 m) NGVD, Sept. 25, 1979, estimated; lowest, 21.60 ft (6.58 m) NGVD, Dec. 3, 1978.

ELEVATION, IN 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	26.78	23.45	22.69	25.04	26.51	27.53	26.37	24.12	26.64	25.50	26.16	29.80
10	25.55	22.76	23.84	24.99	26.44	28.43	26.03	27.48	26.18	26.16	26.34	29.71
15	26.32	22.54	24.06	26.01	26.31	27.99	25.32	27.80	25.74	26.71	29.08	30.66
20	26.07	22.23	23.99	26.37	26.11	27.68	24.79	27.51	25.21	27.43	29.54	29.90
25	24.27	21.86	23.89	26.71	27.33	27.58	24.50	27.21	25.15	27.37	30.20	33.50
LOM	23.53	21.76	24.50	26.73	27.77	27.16	24.17	26.96	25.03	27.07	29.91	32.80
MEAN	25.54	22.52	23.62	25.87	26.56	27.77	25.42	26.59	25.74	26.58	28.36	30.97
MAX	27.00	23.48	24.50	26.81	27.84	28.46	27.13	27.89	26.89	27.45	30.24	33.50
MIN	23.53	21.76	21.60	24.56	26.06	27.16	24.17	24.06	24.72	24.92	26.14	29.61
WTR YR 1979 MEAN 26.30 MAX 33.50 SEP 25 MIN 21.60 DEC 3												

NOTE.--Record estimated Sept. 17-30.

## HILLSBOROUGH COUNTY

WELL NUMBER.--280607082353001. St. Petersburg Cosme Well 3 near Citrus Park, FL.

LOCATION.--Lat 28°06'07", long 82°35'30", in SW¼SE¼ sec.27, T.27 S., R.17 E., Hydrologic Unit 03100206, 65 ft (20 m) east of Race Track Road, 0.5 mi (0.8 km) west of intersection Race Track Road and State Highway 587, and 2.0 mi (3.2 km) northwest of Citrus Park.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm), depth 354 ft (108 m), cased to 79 ft (24 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 0.94 ft (0.29 m) above land-surface datum. Prior to Mar. 22, 1977, top of recorder shelter floor, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 46.74 ft (14.25 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 33.42 ft (10.19 m) NGVD, Sept. 30, 1979, water level rising; lowest, 16.44 ft (5.01 m) NGVD, May 9, 1975.

ELEVATION, IN 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	26.82	25.22	26.13	27.64	28.48	27.98	24.00	22.26	26.20	27.26	26.81	31.24
10	26.77	23.49	26.60	27.70	27.94	28.31	23.71	27.42	22.80	27.61	28.32	31.08
15	28.65	23.43	25.81	26.79	27.87	27.48	23.19	27.99	21.91	29.07	29.71	32.28
20	26.18	20.63	25.43	27.43	26.95	26.74	20.30	25.87	20.77	27.42	27.90	31.56
25	23.71	22.90	27.46	25.75	28.02	28.51	25.58	28.36	19.30	28.65	30.04	32.75
EOM	27.14	20.26	28.23	28.36	26.28	23.14	23.02	28.15	27.15	26.51	29.75	33.42
MEAN	26.29	23.06	26.51	27.35	27.59	27.14	23.13	26.41	23.17	27.52	28.74	31.79
MAX	28.69	26.37	28.24	28.82	28.48	29.17	25.78	28.93	27.15	29.22	31.03	33.42
MIN	23.71	20.26	23.52	25.75	25.77	23.14	20.30	22.26	18.85	25.79	25.20	29.59
WTR YR 1979	MEAN	26.56	MAX	33.42	SEP 30	MIN	18.85	JUN 26				

WELL NUMBER.--280612082200802. Morris Bridge Shallow Well 8 near Branchton, FL.

LOCATION.--Lat 28°06'12", long 82°20'08", in NW¼SW¼ sec.29, T.27 S., R.20 E., Hydrologic Unit 03100205, 1.7 mi (2.7 km) west of State Highway 579, and 3.6 mi (5.8 km) southwest of Branchton.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 10 ft (3 m), cased to 8 ft (2 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 3.15 ft (0.96 m) above land-surface datum.

DATUM.--Land-surface datum is 33.35 ft (10.17 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to current year (bimonthly), incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1977, published as Tampa Shallow Well 8 near Branchton.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.35 ft (10.17 m) NGVD, July 1, 1974; lowest measured, 27.46 ft (8.37 m) NGVD, May 14, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEVATION (FT. NGVD) (72020)	DATE	TIME	ELEVATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
07...	1420	27.63	15...	1332	30.89
JAN , 1979			JUL		
09...	1130	29.14	02...	1420	28.99
MAR			AUG		
09...	0410	32.49	31...	1310	31.40
APR			SEP		
30...	0435	28.26	18...	1250	31.98

## HILLSBOROUGH COUNTY

WELL NUMBER.--280627082200801. Morris Bridge Deep Well 6 near Branchton, FL.

LOCATION.--Lat 28°06'27", long 82°20'03", in NE¼NE¼ sec.30, T.27 S., R.20 E., Hydrologic Unit 03100205, 2.0 mi (3.2 km) west of State Highway 579, and 3.4 mi (5.5 km) southwest of Branchton.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 14 in (36 cm), depth 661 ft (202 m), cased to 100 ft (30 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.22 ft (0.98 m) above land-surface datum. Prior to Mar. 31, 1978, top of access pipe, 3.50 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 36.68 ft (11.18 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--May to September 1972 (semiannual); January 1973 to September 1975 (quarterly); May 1976 to September 1977 (semiannual); March 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 34.04 ft (10.38 m) NGVD, Sept. 30, 1979, water level rising; lowest, 18.46 ft (5.63 m) NGVD, Dec. 3, 4, 1978.

ELEVATION, IN 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	27.98	21.61	23.22	26.32	27.37	28.72	26.57	23.15	25.49	24.48	26.00	29.68
10	26.55	20.14	25.42	25.53	27.11	29.47	26.35	27.41	24.90	25.26	25.75	29.52
15	27.80	20.23	25.72	26.58	27.00	28.90	25.02	27.59	24.05	25.82	30.02	30.53
20	27.54	19.42	25.65	27.46	26.75	28.52	24.49	27.07	23.48	27.63	30.77	30.70
25	22.42	18.73	25.54	27.69	27.95	28.39	24.14	26.20	23.71	27.47	31.49	32.57
DOM	21.27	18.89	26.10	27.70	29.18	27.83	23.87	25.89	23.75	27.11	29.54	34.04
MEAN	25.60	19.93	24.57	26.84	27.27	28.70	25.35	25.97	24.41	26.09	28.72	30.90
MAX	28.27	21.65	26.10	27.86	29.18	29.48	27.80	27.64	25.83	27.69	31.50	34.04
MIN	21.27	18.62	18.46	25.53	26.18	27.83	23.87	23.09	23.23	23.61	25.75	29.39
WTR YR 1979	MEAN	26.20	MAX	34.04	SEP 30	MIN	18.46	DEC 3	AND OTHERS			

WELL NUMBER.--280627082200802. Morris Bridge Shallow Well 6 near Branchton, FL.

LOCATION.--Lat 28°06'30", long 82°20'03", in NE¼NE¼ sec.30, T.27 S., R.20 E., Hydrologic Unit 03100205, 2.0 mi (3.2 km) west of State Highway 579, and 3.4 mi (5.5 km) southwest of Branchton.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

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

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 3.10 ft (0.94 m) above land-surface datum. Prior to May 5, 1977, top of coupling, 1.35 ft (0.41 m) above land-surface datum.

DATUM.--Land-surface datum is 36.68 ft (11.18 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1972 to April 1977 (bimonthly), incomplete; May 1977 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 (280628082200702) Tampa Shallow Well 6 near Branchton.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 36.31 ft (11.07 m) NGVD, Sept. 24, 1979; lowest water level measured, 26.60 ft (8.11 m) NGVD, May 30, 1974.

ELEVATION, IN 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	31.53	29.65	27.96	28.14	29.90	31.45	31.16	29.69	31.81	30.03	30.03	32.92
10	31.15	29.42	27.76	28.52	29.78	32.51	30.93	33.64	31.31	29.96	30.60	32.37
15	30.90	29.13	27.66	29.38	29.67	32.17	30.67	33.33	30.91	30.03	31.92	34.38
20	30.63	28.84	27.53	29.75	29.52	31.83	30.39	32.67	30.49	30.90	32.07	33.34
25	30.40	28.54	27.43	29.81	30.77	31.73	30.13	33.46	30.17	30.69	32.88	35.68
DOM	30.10	28.24	27.59	29.96	31.52	31.38	29.92	32.32	30.27	30.15	32.84	35.10
MEAN	30.87	29.09	27.67	29.11	29.95	31.87	30.63	32.28	30.94	30.31	31.55	34.02
MAX	31.67	30.00	28.18	29.96	31.52	32.51	31.34	33.82	32.19	30.91	32.88	36.31
MIN	30.10	28.24	27.37	27.67	29.42	31.38	29.92	29.57	30.03	29.93	29.99	32.27
WTR YR 1979	MEAN	30.69	MAX	36.31	SEP 24	MIN	27.37	DEC 29				

## HILLSBOROUGH COUNTY

WELL NUMBER.--280631082193802. Morris Bridge Shallow Well 7 near Branchton, FL.

LOCATION.--Lat 28°06'31", long 82°19'38", in SW¼NE¼ sec.29, T.27 S., R.20 E., Hydrologic Unit 03100205, 1.4 mi (2.3 km) west of State Highway 579, and 3.0 mi (4.8 km) southwest of Branchton.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 12 ft (4 m), cased to 10 ft (3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 4.28 ft (1.30 m) above land-surface datum.

DATUM.--Land-surface datum is 33.92 ft (10.34 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to current year (bimonthly), incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1977, published as Tampa Shallow Well 7 near Branchton.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.31 ft (10.46 m) NGVD, Mar. 10, 1978; lowest measured, 27.46 ft (8.37 m) NGVD, May 14, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
07...	1310	28.68	15...	1202	32.23
JAN , 1979			JUL		
09...	1215	28.25	02...	1435	29.68
MAR			AUG		
09...	0425	33.09	31...	1230	32.50
APR			SEP		
30...	0440	29.13	18...	1135	32.94

WELL NUMBER.--280631082203302. Morris Bridge Shallow Well 5 near Branchton, FL.

LOCATION.--Lat 28°06'31", long 82°20'33", in SW¼NE¼ sec.30, T.27 S., R.20 E., Hydrologic Unit 03100205, 2.3 mi (3.7 km) west of State Highway 579, and 3.8 mi (6.1 km) southwest of Branchton.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 12.3 ft (3.7 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.74 ft (0.84 m) above land-surface datum.

DATUM.--Land-surface datum is 36.86 ft (11.23 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1973 to current year (bimonthly), incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1977, published as Tampa Shallow Well 5 near Branchton.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.38 ft (11.39 m) NGVD, Mar. 10, 1978; lowest measured, 29.76 ft (9.07 m) NGVD, May 14, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
08...	0920	31.33	15...	1310	35.02
JAN , 1979			JUL		
09...	0950	30.28	02...	1310	32.06
MAR			AUG		
09...	1020	35.83	31...	1445	34.27
APR			SEP		
30...	1010	32.76	18...	1230	35.85



## HILLSBOROUGH COUNTY

WELL NUMBER.--280639082211001. Morris Bridge Deep Well 11 near Branchton, FL.

LOCATION.--Lat 28°06'39", long 82°21'10", in NE¼NE¼ sec.25, T.27 S., R.19 E., Hydrologic Unit 03100205, 2.0 mi (3.2 km) east of State Highway 581, and 4.3 mi (6.9 km) southwest of Branchton.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 500 ft (152 m), cased to 127 ft (39 m).

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

DATUM.--Land-surface datum is 35.13 ft (10.70 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--March 1974 to current year. Prior to October 1977, published as Tampa Deep Well 11 near Branchton.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 35.27 ft (10.75 m) NGVD, Aug. 5, 1974; lowest, 20.42 ft (6.22 m) NGVD, Dec. 3, 4, 1978.

ELEVATION, IN 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	28.88	24.31	24.74	27.99	28.27	29.96	26.74	22.64	25.57	24.06	27.85	30.16
10	27.62	21.94	27.51	25.76	27.83	29.93	26.87	27.05	24.98	25.41	27.31	30.09
15	29.19	21.99	27.89	26.70	27.68	29.20	25.11	27.28	23.69	25.78	31.73	31.12
20	29.02	21.38	27.86	28.44	27.54	28.80	24.62	26.56	23.06	28.52	32.68	31.10
25	25.24	20.69	27.77	28.63	28.03	28.61	24.29	26.01	23.60	28.24	33.44	34.85
EOM	24.11	20.82	28.31	28.60	30.50	28.03	24.07	25.99	23.74	28.21	29.55	35.16
MEAN	27.45	21.97	26.67	27.81	28.00	29.17	25.53	25.70	24.30	26.48	30.30	31.73
MAX	29.22	24.33	28.31	28.84	30.50	30.26	28.00	27.30	25.84	28.64	33.46	35.16
MIN	24.11	20.55	20.42	25.74	26.34	28.03	24.07	22.58	23.04	23.58	27.31	29.87
WTR YR 1979 MEAN 27.10 MAX 35.16 SEP 30 MIN 20.42 DEC 3 AND OTHERS												

WELL NUMBER.--280642082195801. Morris Bridge Deep Well 3-B near Branchton, FL.

LOCATION.--Lat 28°06'42", long 82°19'58", in NW¼NW¼ sec.29, T.27 S., R.20 E., Hydrologic Unit 03100205, 1.6 mi (2.6 km) northwest of State Highway 579, and 3.2 mi (5.2 km) southwest of Branchton.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 260 ft (79 m), cased to 84 ft (26 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.25 ft (0.69 m) above land-surface datum.

DATUM.--Land-surface datum is 36.62 ft (11.16 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1973 to March 1975 (quarterly); May 1975 to September 1976 (semiannual), incomplete; November 1976 to current year (bimonthly), incomplete. Records of water levels prior to November 1976 are available in files of the Geological Survey. Prior to October 1977, published as Tampa Deep Well 3-B near Branchton.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.70 ft (10.27 m) NGVD, July 1, 1974; lowest measured, 22.17 ft (6.76 m) NGVD, May 23, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
23...	0810	27.62	12...	1930	28.95
DEC			15...	1345	28.78
18...	1420	26.11	17...	1140	28.75
JAN , 1979			31...	2020	26.85
29...	1805	28.10	JUL		
FEB			19...	0825	27.36
26...	1450	29.25	SEP		
APR			02...	1035	30.78
17...	1230	25.61	18...	1150	31.71



## HILLSBOROUGH COUNTY

WELL NUMBER.--280649082191402. Morris Bridge Shallow Well 4 near Branchton, FL.

LOCATION.--Lat 28°06'57", long 82°19'26", in SE¼SE¼ sec.20, T.27 S., R.20 E., Hydrologic Unit 03100205, 1.2 mi (1.9 km) west of State Highway 579, and 2.5 mi (4.0 km) southwest of Branchton.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 16.5 ft (5.0 m), cased to 15 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 2.48 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 35.22 ft (10.74 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1972 to current year (bimonthly), incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1977, published as Tampa Shallow Well 4 near Branchton.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.84 ft (10.62 m) NGVD, Mar. 10, 1978; lowest measured, 26.22 ft (7.99 m) NGVD, July 6, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
08...	1130	26.77	15...	1403	29.74
JAN , 1979			JUL		
09...	0900	26.52	02...	1448	27.77
MAR			AUG		
09...	0945	32.35	31...	1430	30.55
APR			SEP		
30...	1005	27.06	18...	1205	32.87

WELL NUMBER.--280651082202502. Morris Bridge Shallow Well 2 near Branchton, FL.

LOCATION.--Lat 28°06'52", long 82°20'25", in SW¼SE¼ sec.19, T.27 S., R.20 E., Hydrologic Unit 03100205, 2.4 mi (3.9 km) west of State Highway 579, and 3.5 mi (5.6 km) southwest of Branchton.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 10 ft (3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.75 ft (1.14 m) above land-surface datum.

DATUM.--Land-surface datum is 38.15 ft (11.63 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1973 to current year (bimonthly), incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1977, published as Tampa Shallow Well 2 near Branchton.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.08 ft (11.91 m) NGVD, July 1, 1974; well observed dry Nov. 8, 1978, Apr. 30, July 2, 1979.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
JAN , 1979			AUG , 1979		
09...	0945	30.10	31...	1452	35.21
MAR			SEP		
09...	1010	35.42	18...	1220	36.51
MAY					
15...	1318	33.03			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--280651082204302. Morris Bridge Shallow Well 1 near Branchton, FL.

LOCATION.--Lat 28°06'51", long 82°20'43", in SE¼SW¼ sec.19, T.27 S., R.20 E., Hydrologic Unit 03100205, 2.7 mi (4.3 km) west of State Highway 579, and 3.8 mi (6.1 km) southwest of Branchton.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 10 ft (3 m), cased to 8.5 ft (2.6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.12 ft (0.95 m) above land-surface datum.

DATUM.--Land-surface datum is 38.96 ft (11.88 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1973 to current year (bimonthly), incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1977, published as Tampa Shallow Well 1 near Branchton.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.38 ft (12.31 m) NGVD, Dec. 11, 1973; lowest measured, 32.32 ft (9.85 m) NGVD, May 14, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
08...	0900	34.03	15...	1257	37.88
JAN , 1979			JUL		
09...	1000	34.67	02...	1315	34.75
MAR			AUG		
09...	1025	39.03	31...	1530	38.75
APR			SEP		
30...	1020	34.33	18...	1343	38.82

WELL NUMBER.--280652082195101. Morris Bridge Deep Well 3C near Branchton, FL.

LOCATION.--Lat 28°06'52", long 82°19'51", in SE¼SW¼ sec.20, T.27 S., R.20 E., Hydrologic Unit 03100205, 1.8 mi (2.9 km) west of State Highway 579, and 3.0 mi (4.8 km) southwest of Branchton.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 1,037 ft (316 m), cased to 1,000 ft (305 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.76 ft (1.15 m) above land-surface datum.

DATUM.--Land-surface datum is 37.53 ft (11.44 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--April to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 35.47 ft (10.81 m) NGVD, Sept. 30, 1979, water level rising; lowest, 26.18 ft (7.98 m) NGVD, May 7, 1979.

ELEVATION, IN FEET NGVD, APRIL TO SEPTEMBER 1979  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5							28.80	26.24	28.88	27.33	28.66	32.51
10							28.90	28.95	28.39	28.28	28.99	32.41
15							27.60	29.97	27.44	28.41	31.87	32.97
20							27.11	29.82	26.74	29.63	32.95	33.16
25							26.88	29.13	27.22	29.59	33.69	34.45
EOM							26.53	29.02	27.02	29.35	32.02	35.47
MEAN							27.77	28.63	27.70	28.63	31.19	33.29
MAX							30.90	30.01	29.05	29.76	33.75	35.47
MIN							26.53	26.18	26.65	27.00	28.62	32.26
WTR YR 1979	MEAN	29.53	MAX	35.47	SEP 30	MIN	26.18	MAY 7				

## HILLSBOROUGH COUNTY

WELL NUMBER.--280655082193001. Morris Bridge Deep Well 3A near Branchton, FL.

LOCATION.--Lat 28°06'59", long 82°19'43", in NE¼SW¼ sec.20, T.27 S., R.20 E., Hydrologic Unit 03100205, 1.8 mi (2.9 km) west of State Highway 579, and 2.7 mi (4.3 km) southwest of Branchton.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 14 in (36 cm), depth 600 ft (183 m), cased to 100 ft (30 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.17 ft (1.27 m) above land-surface datum.

DATUM.--Land-surface datum is 38.36 ft (11.69 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Record is equivalent to that for Tampa Deep Well 3 (280648082195201), available October 1971 to March 1975.

PERIOD OF RECORD.--March 1975 to January 1976; March 1978 to current year. Prior to March 1978, published as Tampa Deep Well 3A near Branchton.

REVISED RECORDS.--WDR FL-76-3: 1975.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 35.93 ft (10.95 m) NGVD, Oct. 5, 1975, corrected; lowest, 22.65 ft (6.90 m) NGVD, Dec. 4, 1978.

ELEVATION, IN 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	29.64	25.62	25.94	29.10	29.98	31.18	28.15	25.75	27.43	25.76	26.59	32.47
10	28.26	24.23	28.29	27.81	29.39	32.26	28.27	30.09	26.79	26.39	26.74	32.17
15	29.33	24.16	28.72	28.88	29.20	31.56	27.13	30.35	25.47	26.66	32.10	32.90
20	29.14	23.56	28.77	29.96	29.04	31.12	26.59	29.91	24.77	28.42	33.22	32.77
25	26.53	22.95	28.71	30.22	30.73	30.93	26.21	28.43	25.77	28.23	34.18	34.28
END	25.48	23.00	29.19	30.23	31.94	30.33	25.99	27.96	24.67	27.93	31.57	35.50
MEAN	28.19	24.00	27.73	29.39	29.71	31.35	27.30	28.49	26.00	27.01	30.38	33.17
MAX	29.96	25.65	29.19	30.38	32.17	32.36	30.29	30.42	27.83	28.52	34.19	35.50
MIN	25.48	22.83	22.65	27.80	28.38	30.33	25.99	25.71	24.64	24.58	26.55	31.54
WTR YR 1979	MEAN	28.56	MAX	35.50	SEP 30	MIN	22.65	DEC 4				

WELL NUMBER.--280655082193002. Morris Bridge Shallow Well 3A near Branchton, FL.

LOCATION.--Lat 28°06'59", long 82°19'43", in SW¼SE¼ sec.20, T.27 S., R.20 E., Hydrologic Unit 03100205, 1.8 mi (2.9 km) west of State Highway 579, and 2.7 mi (4.3 km) southwest of Branchton.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 16 ft (5 m), cased to 12 ft (4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 3.40 ft (1.04 m) above land-surface datum.

DATUM.--Land-surface datum is 37.58 ft (11.45 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 35.92 ft (10.95 m) NGVD. See PERIOD OF RECORD.

PERIOD OF RECORD.--May 1972 to July 1976 (quarterly), incomplete; October 1976 to current year (bimonthly). Records of water levels prior to January 1974 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -0.22 ft (0.07 m). Revised records are in files of the Geological Survey. See DATUM. Prior to October 1977, published as Tampa Shallow Well 3A near Branchton.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.96 ft (11.88 m) NGVD, Mar. 10, 1978; lowest measured, 30.76 ft (9.38 m) NGVD, May 14, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
08...	0930	32.54	15...	1355	35.88
JAN , 1979			JUL		
09...	0905	32.81	02...	1205	33.27
MAR			AUG		
09...	1005	36.07	31...	1425	35.58
APR			SEP		
30...	0945	32.70	18...	1203	36.80

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--280659082175201. Morris Bridge Deep Well 13 near Branchton, FL.

LOCATION.--Lat 28°06'55", long 82°17'52", in NE¼SW¼ sec.22, T.27 S., R.20 E., Hydrologic Unit 03100205, 0.2 mi (0.3 km) southeast of Morris Bridge Road, and 1.4 mi (2.2 km) southwest of Branchton.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 8 in (20 cm), depth 593 ft (181 m), cased to 50 ft (15 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.20 ft (0.98 m) above land-surface datum.

DATUM.--Land-surface datum is 37.88 ft (11.55 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--March 1976 to current year. March to September 1976, published as Morris Bridge Road Well near Tampa; October 1976 to September 1977, published as Morris Bridge Road Well near Branchton.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 34.92 ft (10.64 m) NGVD, Sept. 29, 1979; lowest, 24.47 ft (7.46 m) NGVD, Dec. 4, 1978.

ELEVATION, IN 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	30.32	27.74	26.63	29.71	31.21	31.13	28.58	26.05	28.98	28.83	27.95	32.28
10	29.21	25.80	28.26	29.56	30.97	31.81	28.62	28.50	28.26	29.64	28.68	32.09
15	29.81	25.61	28.64	30.76	30.78	31.06	27.34	31.77	27.64	28.76	33.49	33.02
20	29.55	25.18	28.67	31.15	30.45	30.67	26.71	31.46	26.90	30.77	33.99	32.41
25	28.59	24.69	28.61	31.53	32.26	30.50	26.35	31.18	27.51	30.61	34.66	32.81
EOM	27.89	24.65	29.37	31.47	31.57	29.93	26.57	29.71	27.16	30.10	33.76	34.79
MEAN	29.36	25.74	27.98	30.63	31.02	30.95	27.54	29.58	27.90	29.50	31.85	32.98
MAX	30.63	27.84	29.37	31.62	33.04	32.02	29.86	31.86	29.60	30.79	34.66	34.92
MIN	27.89	24.57	24.47	29.47	29.30	29.93	26.27	25.95	26.62	26.92	27.87	31.99
WTR YR 1979	MEAN	29.59	MAX	34.92	SEP 29	MIN	24.47	DEC 4				

WELL NUMBER.--280659082294302. Berger Deep Well near Citrus Park, FL.

LOCATION.--Lat 28°06'59", long 82°29'43", in SE¼SW¼ sec.22, T.27 S., R.18 E., Hydrologic Unit 03100205, 0.5 mi (0.8 km) east of State Highway 597, and 5.4 mi (8.7 km) northeast of Citrus Park.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 134 ft (41 m), cased to 44 ft (13 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of nipple, 2.49 ft (0.76 m) above land-surface datum. Prior to June 8, 1977, top of recorder shelter floor, 2.62 ft (0.80 ft) above land-surface datum.

DATUM.--Land-surface datum is 57.25 ft (17.45 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--November 1964 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

REVISED RECORDS.--WDR FL-76-3: 1975.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 51.71 ft (15.76 m) NGVD, Sept. 27, 28, 1979; lowest, 33.20 ft (10.12 m) NGVD, May 30, 1973.

ELEVATION, IN 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	43.03	41.30	41.36	42.80	44.06	45.39	42.73	41.55	45.08	42.87	44.08	48.07
10	42.84	40.95	41.88	43.46	44.62	45.59	42.46	46.13	44.50	44.35	46.26	47.62
15	42.87	40.64	41.26	44.04	44.39	45.49	40.82	47.30	44.23	44.35	48.64	48.54
20	41.99	40.71	40.50	44.70	44.23	43.79	40.36	47.00	43.53	46.70	50.00	48.04
25	41.53	40.72	40.83	44.84	44.61	44.32	41.35	45.78	43.44	45.29	48.91	49.48
EOM	41.78	40.71	41.59	44.18	45.08	43.06	41.76	45.55	42.90	44.33	48.93	49.45
MEAN	42.36	40.86	41.23	44.08	44.39	44.80	41.53	45.20	44.11	44.51	47.52	48.73
MAX	43.20	41.66	42.13	46.31	45.08	46.01	43.17	47.30	45.56	46.97	50.00	51.71
MIN	41.28	40.20	40.40	41.66	43.84	42.81	39.79	41.32	42.83	42.83	44.05	47.55
WTR YR 1979	MEAN	44.11	MAX	51.71	SEP 27 AND OTHERS	MIN	39.79	APR 23				

## HILLSBOROUGH COUNTY

WELL NUMBER.--280702082302801. Hillsborough Deep Well 13 near Citrus Park, FL.

LOCATION.--Lat 28°07'02", long 82°30'28", in NW¼SE¼ sec.21., T.27 S., R.18 E., Hydrologic Unit 03100206, 1.5 mi (2.4 km) west of State Highway 597, and 4.7 mi (7.6 km) northeast of Citrus Park.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm), depth 347 ft (106 m), cased to 46 ft (14 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 1.04 ft (0.32 m) above land-surface datum. Prior to Mar. 15, 1978, top of recorder shelter floor, 2.55 ft (0.78 m) above land-surface datum.

DATUM.--Land-surface datum is 55.82 ft (17.01 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--October 1930 to April 1935 (about monthly); January 1937 to November 1940 (about annually); June 1944 to current year, incomplete. Records of water levels prior to January 1956 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 50.90 ft (15.51 m) NGVD, Sept. 23, 1947; lowest, 24.04 ft (7.33 m) NGVD, May 11, 1971.

ELEVATION, IN 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	36.49	35.13	34.69	37.48	39.78	40.77	34.95	34.92	38.44	37.09	37.71	43.15
10	36.28	34.39	35.17	39.16	39.80	40.60	34.77	39.55	37.65	38.32	40.85	42.58
15	36.67	33.35	34.87	39.68	39.60	40.08	33.57	41.92	37.24	38.41	43.54	43.30
20	35.15	33.18	34.95	40.44	38.32	38.54	33.29	42.23	36.44	41.07	45.93	43.07
25	34.55	33.36	35.75	41.30	38.47	39.44	34.22	38.89	38.10	38.31	42.94	43.82
EOM	35.70	33.34	35.61	41.20	40.02	37.25	35.06	38.82	37.09	37.36	43.06	44.53
MEAN	35.77	33.85	35.01	39.83	39.41	39.79	34.37	38.96	37.52	38.36	41.58	43.68
MAX	36.77	35.52	36.61	43.40	41.00	41.06	37.33	42.44	38.85	41.52	45.93	48.39
MIN	34.17	33.01	33.82	35.74	38.14	37.25	32.03	34.62	36.37	36.92	36.84	42.09
WTR YR 1979	MEAN	38.18	MAX	48.39	SEP 28	MIN	32.03	APR 23				

WELL NUMBER.--280703082341701. James Deep Well 11 near Citrus Park, FL.

LOCATION.--Lat 28°07'03", long 82°34'17", in SW¼SE¼ sec.23, T.27 S., R.17 E., Hydrologic Unit 03100206, 0.5 mi (0.8 km) east of State Highway 587, and 2.4 mi (3.9 km) north of Citrus Park.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 16 in (41 cm), depth 300 ft (91 m), cased to 76 ft (23 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of 8 in (20 cm) extension, 2.28 ft (0.69 m) above land-surface datum.

DATUM.--Land-surface datum is 57.37 ft (17.49 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--January 1972 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, 39.82 ft (12.14 m) NGVD, Sept. 30, 1979, water level rising, lowest, 19.00 ft (5.79 m) NGVD, May 31, 1973.

ELEVATION, IN 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	30.80	28.67	31.70	32.44	33.51	33.10	29.94	26.50	28.85	32.63	31.20	38.21
10	30.72	28.14	32.12	31.12	34.10	33.32	28.61	32.94	28.38	32.86	33.96	37.15
15	33.67	26.94	31.49	32.37	33.34	32.73	27.75	34.47	29.58	35.01	35.89	38.34
20	30.46	26.02	30.89	32.58	32.85	31.35	24.02	30.56	26.60	32.47	36.04	37.78
25	28.66	27.74	32.77	34.89	33.35	34.62	31.03	34.55	25.08	34.21	35.40	38.91
EOM	32.01	26.70	33.55	34.33	32.47	29.15	28.45	33.40	32.94	31.30	36.99	39.82
MEAN	30.79	28.16	31.83	33.26	32.95	32.61	28.36	31.67	28.88	32.77	34.54	38.01
MAX	33.67	32.20	33.77	35.19	34.10	35.24	31.03	34.86	32.94	35.04	36.99	39.82
MIN	27.35	25.38	29.59	30.84	29.93	29.15	24.02	26.50	24.42	28.77	30.00	34.56
WTR YR 1979	MEAN	31.99	MAX	39.82	SEP 30	MIN	24.02	APR 20				



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--280715082382801. Patterson Road Deep Well near Citrus Park, FL.

LOCATION.--Lat 28°07'15", long 82°38'28", in NW¼SE¼ sec.19, T.27 S., R.17 E., Hydrologic Unit 03100206, 1.5 mi (2.4 km) south of State Highway 582, and 5.2 mi (8.4 km) northwest of Citrus Park.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm), depth 428 ft (130 m), cased to 60 ft (18 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.12 ft (0.65 m) above land-surface datum. Prior to Mar. 15, 1978, top of recorder shelter floor, 2.5 ft (0.8 m) above land-surface datum.

DATUM.--Land-surface datum is 34.11 ft (10.40 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--August 1963 to current year, incomplete. 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, 26.81 ft (8.17 m) NGVD, Sept. 30, 1964; lowest, 13.78 ft (4.20 m) NGVD, May 5, 1971.

ELEVATION, IN 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	21.16	19.91	19.87	21.38	22.23	21.86	18.41	17.74	21.11	18.99	19.10	24.51
10	20.76	18.54	20.08	21.30	21.89	22.62	18.30	22.06	19.13	20.02	21.37	23.24
15	22.04	18.67	20.59	22.36	20.78	21.89	17.95	22.44	19.89	20.84	23.50	24.74
20	19.73	17.91	19.73	22.13	20.89	20.70	16.00	21.77	17.95	21.11	23.00	24.50
25	19.60	18.30	20.38	22.19	21.12	21.55	19.53	22.34	17.64	21.20	23.86	24.55
DOM	20.45	17.80	20.90	22.03	22.11	19.91	19.11	22.15	19.96	19.33	24.14	24.80
MEAN	20.62	18.66	20.20	22.00	21.53	21.51	18.34	21.25	19.25	20.24	22.25	24.40
MAX	22.19	20.57	21.33	22.66	22.58	22.72	20.03	23.12	22.06	21.22	24.14	24.80
MIN	19.06	16.95	18.39	20.98	20.01	19.91	16.00	17.58	16.72	18.95	18.80	23.12
WTR YR 1979	MEAN	20.86	MAX	24.80	SEP 30	MIN	16.00	APR 20				

WELL NUMBER.--280728082301101. St. Petersburg Deep Well 21-7 near Lutz, FL.

LOCATION.--Lat 28°07'28", long 82°30'11", in NE¼NE¼ sec.21, T.27 S., R.18 E., Hydrologic Unit 03100206, 200 ft (60 m) west of State Highway 597, and 3.1 mi (5.0 km) southwest of Lutz.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 1,250 ft (381 m), cased to 718 ft (219 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.21 ft (1.28 m) above land-surface datum.

DATUM.--Land-surface datum is 56.66 ft (17.27 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--September 1968 to December 1972 (bimonthly); January 1973 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, 51.30 ft (15.64 m) NGVD, Sept. 28, 1979; lowest, 28.24 ft (8.61 m) NGVD, May 30, 1973.

ELEVATION, IN 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	40.49	39.02	38.67	43.02	43.47	44.40	40.50	40.47	42.19	39.49	41.65	47.15
10	40.45	38.63	40.51	41.70	43.70	44.30	40.20	43.78	41.44	40.89	44.08	46.78
15	40.56	38.54	38.90	42.22	43.70	44.20	38.66	45.30	41.07	40.87	46.18	47.30
20	39.99	38.90	37.55	42.96	43.30	43.00	38.18	44.52	40.32	45.75	49.21	47.04
25	39.50	38.97	38.44	43.39	43.40	43.90	39.76	42.63	41.13	42.42	46.87	47.77
DOM	39.54	38.89	39.12	43.08	44.20	41.20	40.60	42.51	39.57	41.61	47.00	47.58
MEAN	40.12	38.80	38.84	42.91	43.45	43.58	39.53	42.93	41.11	41.61	45.28	47.54
MAX	40.73	39.40	40.69	46.58	44.20	44.60	41.00	45.30	42.53	46.25	49.21	51.30
MIN	39.18	38.14	37.38	39.33	42.87	41.20	37.33	40.25	39.33	39.49	41.02	46.23
WTR YR 1979	MEAN	42.14	MAX	51.30	SEP 28	MIN	37.33	APR 23				

## HILLSBOROUGH COUNTY

WELL NUMBER.--280732082305301. St. Petersburg Deep Well 26A near Lutz, FL.

LOCATION.--Lat 28°07'32", long 82°30'58", in NW¼NW¼ sec.21, T.27 S., R.18 E., Hydrologic Unit 03100206, 200 ft (60 m) south of Van Dyke Road, 1.0 mi (1.6 km) west of State Highway 587, and 3.0 mi (4.8 km) west of Lutz.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm), depth 300 ft (91 m), cased to 142 ft (43 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Metal plate below shelter floor, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 56.87 ft (17.33 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--April 1972 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, 48.45 ft (14.77 m) NGVD, Sept. 28, 1979; lowest, 20.50 ft (6.25 m) NGVD, May 10, 1972.

ELEVATION, IN 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	37.43	36.17	35.89	39.30	40.59	41.30	36.73	36.54	39.99	37.07	38.16	43.59
10	37.47	36.02	36.73	39.03	40.52	41.26	36.48	40.07	39.16	38.31	41.77	42.97
15	37.74	36.11	36.18	39.52	40.38	40.89	35.23	42.28	38.72	38.38	43.69	43.70
20	37.83	35.55	35.42	40.23	39.93	38.99	34.40	42.67	37.80	42.47	46.08	43.46
25	37.30	35.32	35.69	41.33	40.39	40.07	35.50	40.35	38.72	39.08	43.35	44.48
EOM	36.74	35.27	37.42	41.30	40.80	37.55	36.56	40.29	37.07	38.17	43.43	45.45
MEAN	37.54	35.80	36.15	40.22	40.44	40.17	35.84	40.04	38.70	38.78	42.09	44.10
MAX	38.46	36.61	37.42	43.91	41.13	41.45	37.55	42.81	40.36	43.03	46.08	48.45
MIN	36.74	35.11	35.19	37.59	39.69	37.55	33.65	36.29	36.67	37.04	37.63	42.94
WTR YR 1979	MEAN	39.15	MAX	48.45	SEP 28	MIN	33.65	APR 23				

WELL NUMBER.--280739082294202. Van Dyke Shallow Well near Lutz, FL.

LOCATION.--Lat 28°07'39", long 82°29'42", in NE¼SW¼ sec.22, T.27 S., R.18 E., Hydrologic Unit 03100206, 0.3 mi (0.5 km) east of intersection State Highway 597 and Little Road, and 2.6 mi (4.2 km) southwest of Lutz.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 22 ft (7 m), cased to 18 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 3.8 ft (1.2 m) above land-surface datum.

DATUM.--Land-surface datum is 59.59 ft (18.16 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1964 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, 60.71 ft (18.50 m) NGVD, Sept. 24, 1979; lowest, 48.30 ft (14.72 m) NGVD, July 20, 1973.

ELEVATION, IN 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	56.55	55.29	54.59	55.09	55.61	56.32	55.89	54.65	56.72	55.89	56.26	58.34
10	56.23	55.12	54.46	55.00	55.55	57.02	55.70	58.77	56.38	55.79	57.96	58.07
15	56.06	54.95	54.33	55.40	55.41	56.67	55.49	58.59	56.07	55.55	58.63	60.25
20	55.87	54.79	54.19	56.00	55.28	56.39	55.23	57.65	55.75	56.78	59.67	58.37
25	55.68	54.66	54.09	56.00	56.38	56.43	55.01	57.87	55.76	56.88	60.10	60.19
EOM	55.47	54.51	54.79	55.78	56.49	56.08	54.84	57.06	56.15	56.23	59.18	58.91
MEAN	56.05	54.95	54.41	55.46	55.62	56.53	55.44	57.32	56.20	56.12	58.46	59.15
MAX	56.75	55.44	54.79	56.10	56.52	57.10	56.04	59.09	57.00	56.88	60.17	60.71
MIN	55.47	54.51	54.06	54.78	55.24	56.08	54.84	54.57	55.58	55.49	55.91	58.01
WTR YR 1979	MEAN	56.31	MAX	60.71	SEP 24	MIN	54.06	DEC 27				

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--280740082271001. Debuel Road Deep Well near Lutz, FL.

LOCATION.--Lat 28°07'40", long 82°27'10", in SE $\frac{1}{4}$ SE $\frac{1}{4}$  sec.13, T.27 S., R.18 E., Hydrologic Unit 03100205, 0.7 mi (1.1 km) east of intersection U. S. Highway 41 and Debuel Road, and 1.8 mi (2.9 km) south of Lutz.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 300 ft (91 m), cased to 118 ft (36 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.10 ft (0.94 m) above land-surface datum.

DATUM.--Land-surface datum is 63.68 ft (19.41 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 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 daily maximum water level, 60.13 ft (18.33 m) NGVD, Sept. 22, 1979; lowest, 50.33 ft (15.34 m) NGVD, May 14, 1974.

ELEVATION, IN 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	55.26	54.29	53.85	54.35	55.34	55.66	54.99	53.81	56.77	55.65	55.92	58.73
10	55.19	54.20	53.76	54.49	55.26	56.19	54.86	57.50	56.41	55.83	57.24	59.01
15	55.11	54.04	53.71	55.09	55.13	56.04	54.41	57.82	56.16	55.88	58.50	59.68
20	54.91	53.88	53.53	55.33	55.00	55.73	53.95	57.43	55.60	56.28	58.73	58.96
25	54.62	53.74	53.49	55.45	55.47	55.62	53.97	57.55	55.50	56.40	59.08	60.04
END	54.57	53.61	53.95	55.51	55.80	55.21	53.80	57.20	55.90	55.84	58.71	60.05
MEAN	54.98	54.04	53.70	54.95	55.26	55.78	54.40	56.61	56.11	55.96	57.87	59.38
MAX	55.40	54.51	53.95	55.56	55.80	56.20	55.09	57.88	57.17	56.40	59.08	60.13
MIN	54.51	53.61	53.46	53.99	54.95	55.21	53.79	53.69	55.37	55.56	55.69	58.58
WTR YR 1979	MEAN	55.75	MAX	60.13	SEP 27	MIN	53.46	DEC 22				

WELL NUMBER.--280740082271002. Debuel Road Shallow Well near Lutz, FL.

LOCATION.--Lat 28°07'40", long 82°27'10", in SE $\frac{1}{4}$ SE $\frac{1}{4}$  sec.13, T.27 S., R.18 E., Hydrologic Unit 03100205, 0.7 mi (1.1 km) east of intersection U. S. Highway 41 and Debuel Road, and 1.8 mi (2.9 km) south of Lutz.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 25 ft (8 m), cased to 22 ft (7 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing extension, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 63.61 ft (19.39 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1965 to April 1968 (intermittent); May 1968 to September 1969, incomplete; October 1969 to current year (bimonthly), incomplete. 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, 63.21 ft (19.27 m) NGVD, Sept. 17, 1979; lowest measured, 53.31 ft (16.25 m) NGVD, June 30, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEVATION (FT. NGVD) (72020)	DATE	TIME	ELEVATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
07...	1500	56.98	15...	0900	60.75
DEC			JUL		
26...	1035	56.09	09...	1105	58.43
MAR , 1979			SEP		
12...	0800	58.96	04...	1135	62.36
APR			17...	1210	63.21
24...	1505	57.30			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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## HILLSBOROUGH COUNTY

WELL NUMBER.--280752082182701. Morris Bridge Deep Well 14 near Branchton, FL.

LOCATION.--Lat 28°07'52", long 82°18'27", in NW¼SE¼ sec.16, T.27 S., R.20 E., Hydrologic Unit 03100205, at Thomason Sod Farm, 1.1 mi (1.8 km) west of State Highway 579, and 1.3 mi (2.1 km) southwest of Branchton.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 1,783 ft (543 m), cased to 82 ft (25 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.85 ft (1.17 m) above land-surface datum. Prior to April 1978, top of casing, 0.35 ft (0.11 m) corrected, above land-surface datum; April to October 25, 1978, top of recorder shelter floor, 0.44 ft (0.13 m) above land-surface datum.

DATUM.--Land-surface datum is 46.12 ft (14.06 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--May 1972 to March 1975 (quarterly), incomplete; May 1975 to September 1977 (semiannual); April 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 44.19 ft (13.47 m) NGVD, Sept. 19, 1974; lowest daily maximum water level, 30.97 ft (9.44 m) NGVD, Dec. 1, 1978.

ELEVATION, IN 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	37.01	34.15	33.75	36.96	37.97	38.63	35.82	32.74	36.08	34.76	34.80	40.52
10	36.23	33.52	36.12	36.44	36.51	39.55	37.13	37.34	35.44	35.41	35.61	40.09
15	36.49	32.27	36.61	37.07	36.41	38.80	34.78	37.76	34.55	35.10	40.45	40.84
20	36.31	32.25	36.32	37.92	35.97	38.36	33.08	37.36	33.22	35.89	41.35	39.63
25	35.49	31.26	36.28	38.11	37.80	38.28	32.81	36.94	35.95	35.71	42.31	40.95
EO*	34.83	31.66	37.38	38.21	38.30	37.65	33.01	36.75	34.36	35.21	39.72	41.70
MEAN	36.22	32.57	35.57	37.50	37.07	38.55	34.57	36.17	34.95	35.26	38.67	40.66
MAX	37.35	34.69	37.38	38.30	38.30	39.65	37.61	37.85	36.60	35.95	42.31	42.17
MIN	34.83	31.17	30.97	36.44	35.97	37.65	32.57	32.50	33.16	34.17	34.48	39.63
WTR YR 1979	MEAN	36.49	MAX	42.31	AUG 25	MIN	30.97	DEC 1				

WELL NUMBER.--280752082262601. Tucker Deep Well near Lutz, FL.

LOCATION.--Lat 28°07'52", long 82°26'26", in SW¼SE¼ sec.18, T.27 S., R.19 E., Hydrologic Unit 03100205, 0.2 mi (0.3 km) east of Hanna Road, 0.2 mi (0.3 km) north of Debuel Road, and 2.0 mi (3.2 km) southeast of Lutz.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, public supply, artesian well, diameter 8 in (20 cm), depth 229 ft (70 m), cased to 47 ft (14 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 2 in (5 cm) access pipe, 0.75 ft (0.23 m) above land-surface datum. Prior to Sept. 8, 1975, top of coupling, 0.60 ft (0.18 m) above land-surface datum; Sept. 8, 1975, to Mar. 12, 1976, top of sanitary seal, 1.10 ft (0.33 m) above land-surface datum.

DATUM.--Land-surface datum is 65.40 ft (19.93 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1962 to November 1978 (bimonthly), discontinued. 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, 61.09 ft (18.62 m) NGVD, Sept. 11, 1964; lowest measured, 47.74 ft (14.55 m) NGVD, May 10, 1967.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV 09...	1635	53.78

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--280802082085801. Norton's Dairy Well near Crystal Springs, FL.

LOCATION.--Lat 28°08'02", long 82°08'58", in NE¼SW¼ sec.18, T.27 S., R.22 E., Hydrologic Unit 03100205, 200 ft (60 m) west of State Highway 39, and 3.5 (5.6 km) south of Crystal Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 1.5 in (4 cm), depth 45 ft (14 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.0 ft (0.6 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 80 ft (24 m), from topographic map.

REMARKS.--Water levels affected by pumping of nearby domestic supply well.

PERIOD OF RECORD.--October 1966 to December 1973 (annually); January 1974 to September 1977 (semiannually); October 1977 to current year (bimonthly). 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, 77.30 ft (23.56 m) NGVD, Mar. 8, 1979; lowest measured, 70.33 ft (21.44 m) NGVD, May 17, 1972.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV . 1978			JUN . 1979		
06... 1500	71.88		28... 1545	72.08	
JAN . 1979			AUG		
02... 1505	72.08		30... 1400	75.98	
MAR			SEP		
08... 0855	77.30		19... 1245	76.99	
MAY					
01... 1620	72.30				
16... 1645	75.51				

WELL NUMBER.--280833082343601. St. Petersburg Well 33A near Odessa, FL.

LOCATION.--Lat 28°08'33", long 82°34'36", in NE¼NW¼ sec.14, T.27 S., R.17 E., Hydrologic Unit 03100206, 50 ft (15 m) east of Gunn Highway, and 3.6 mi (5.8 km) south of Odessa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm), depth 359 ft (109 m), cased to 81 ft (25 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 56.64 ft (17.26 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--January 1972 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, 43.02 ft (13.11 m) NGVD, Sept. 30, 1979, water level rising; lowest, 18.11 ft (5.52 m) NGVD, May 5, 1972.

ELEVATION, IN 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	31.21	29.20	31.76	31.81	33.11	33.44	30.37	26.13	31.37	32.67	32.30	38.42
10	30.97	27.87	32.23	31.49	33.21	34.58	27.05	33.69	28.94	32.66	31.21	37.06
15	34.32	27.81	29.35	34.18	34.11	30.96	29.32	33.25	29.92	34.92	34.05	38.32
20	32.11	25.28	28.04	32.81	32.19	29.76	23.67	31.72	27.28	31.63	35.96	35.65
25	29.85	26.47	32.46	35.74	33.88	35.16	30.31	35.04	26.49	34.17	34.57	38.92
EOM	33.23	26.63	33.66	34.29	30.90	29.34	28.31	30.92	32.68	32.91	37.67	43.02
MEAN	31.30	27.88	31.25	33.51	33.06	32.43	27.65	31.70	29.45	32.72	34.19	38.14
MAX	34.32	33.55	33.97	36.11	34.63	35.49	31.20	35.59	33.45	34.99	37.67	43.02
MIN	28.71	24.69	28.04	31.36	30.52	29.00	23.22	25.97	25.47	30.08	29.96	34.50
WTR YR 1979	MEAN	31.94	MAX	43.02	SEP 30	MIN	23.22	APR 21				



## HILLSBOROUGH COUNTY

WELL NUMBER.--280839082385001. Eldridge-Wilde Shallow Well 022 near Tarpon Springs, FL.

LOCATION.--Lat 28°08'39", long 82°38'50", in SW¼SW¼ sec.7, T.27 S., R.17 E., Hydrologic Unit 03100207, on east side of Indiana Avenue, 0.1 mi (0.2 km) north of State Highway 582, and 5.5 mi (8.9 km) east of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 22 ft (7 m), cased to 19 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 0.70 ft (0.21 m) above land-surface datum.

DATUM.--Land-surface datum is 36.00 ft (10.97 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1974 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.21 ft (8.60 m) NGVD, Sept. 19, 1979; lowest measured, 17.47 ft (5.32 m) NGVD, Aug. 2, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1515	23.05	23...	0940	22.40
31...	1150	22.35	MAY		
DEC			17...	1031	26.29
06...	1320	20.90	JUN		
JAN , 1979			08...	1140	25.46
04...	1100	20.71	27...	1120	24.20
31...	0450	22.92	AUG		
FEB			02...	1040	22.72
27...	1105	22.69	27...	1405	26.48
MAR			SEP		
29...	0920	23.62	19...	1226	28.21

WELL NUMBER.--280852082135601. Hillsborough State Park Parking Area Deep Well near Zephyrhills, FL.

LOCATION.--Lat 28°08'52", long 82°13'56", in NE¼SW¼ sec.8, T.27 S., R.21 E., Hydrologic Unit 03100205, 25 ft (8 m) north of main parking lot in Hillsborough State Park, 0.5 mi (0.8 km) northwest of U. S. Highway 301, and 6.5 mi (10.4 km) southwest of Zephyrhills.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 50 ft (15 m), cased to 37 ft (11 m).

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

DATUM.--Land-surface datum is 46.13 ft (14.06 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1972 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, 46.56 ft (14.19 m) NGVD, Sept. 30, 1979; lowest, 35.96 ft (10.96 m) NGVD, Dec. 23, 1978.

ELEVATION, IN 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	37.42	36.69	36.14	36.54	38.44	40.88	39.44	37.63	39.22	37.68	38.91	43.63
10	37.31	36.62	36.09	36.72	38.47	43.17	39.09	39.33	38.78	38.61	39.00	42.69
15	37.22	36.60	36.05	37.23	38.38	41.86	38.73	40.06	38.44	39.78	42.57	45.72
20	37.09	36.40	36.01	37.57	38.25	41.03	38.33	39.73	38.12	39.98	42.80	44.36
25	36.95	36.29	36.00	38.00	40.11	40.52	38.22	39.85	37.86	40.04	43.60	46.11
EOM	36.81	36.19	36.26	38.38	41.01	39.85	38.05	39.62	37.72	39.31	43.79	46.56
MEAN	37.17	36.50	36.08	37.29	38.75	41.39	38.75	39.21	38.47	39.17	41.39	44.83
MAX	37.51	36.79	36.26	38.38	41.01	43.59	39.79	40.08	39.63	40.10	43.79	46.56
MIN	36.81	36.19	35.96	36.28	38.20	39.85	38.05	37.55	37.66	37.61	38.81	42.59
WTR YR 1979	MEAN	39.08	MAX	46.56	SEP 30	MIN	35.96	DEC 23				

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--280859082293601. Pasco Deep Well 210 near Land O'Lakes, FL.

LOCATION.--Lat 28°08'59", long 82°29'36", in SE¼NW¼ sec.10, T.27 S., R.18 E., Hydrologic Unit 03100207, 25 ft (8 m) west of State Highway 597, and 5.7 mi (9.2 km) south of Land O'Lakes.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 52 ft (16 m), cased to 48 ft (15 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, at land-surface datum.

DATUM.--Land-surface datum is 66.81 ft (20.36 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--September 1961 to current year (monthly). 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, 63.77 ft (19.44 m) NGVD, Sept. 22, 1977; lowest measured, 50.11 ft (15.27 m) NGVD, May 15, 1972.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1155	59.48	04...	1140	59.62
NOV			MAY		
09...	0905	58.49	01...	1230	58.18
29...	0940	57.92	30...	1415	60.71
DEC			JUL		
27...	0910	58.19	02...	1150	59.83
FEB , 1979			24...	1140	60.84
05...	1000	60.58	AUG		
27...	0925	61.34	29...	1353	63.66

WELL NUMBER.--280859082293602. Pasco Shallow Well 210 near Land O'Lakes, FL.

LOCATION.--Lat 28°08'59", long 82°29'36", in SE¼NW¼ sec.10, T.27 S., R.18 E., Hydrologic Unit 03100207, 25 ft (8 m) west of State Highway 597, and 5.7 mi (9.2 km) south of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 12 ft (4 m), cased to 11 ft (3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, at land-surface datum.

DATUM.--Land-surface datum is 66.81 ft (20.36 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1969 to current year (monthly). 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, 65.51 ft (19.97 m) NGVD, Nov. 4, 1969; lowest measured, 59.40 ft (18.10 m) NGVD, May 13, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1150	61.97	01...	1250	61.11
NOV			JUN		
09...	0900	61.09	01...	1000	63.18
29...	0845	60.57	JUL		
DEC			02...	1156	62.40
27...	0915	60.85	24...	1130	63.53
FEB , 1979			AUG		
05...	0958	63.09	29...	1350	63.56
27...	1313	63.78			
APR					
04...	1135	62.33			

## HILLSBOROUGH COUNTY

WELL NUMBER.--280901082310404. Dundee BM Well near Lutz, FL.

LOCATION.--Lat 28°09'01", long 82°31'04", in SW¼NW¼ sec.9, T.27 S., R.18 E., Hydrologic Unit 03100206, 0.3 mi (0.5 km) south of Vernon Road, and 3.4 mi (5.5 km) west of Lutz.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 693 ft (211 m), cased to 65 ft (20 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.32 ft (0.71 m) above land-surface datum.

DATUM.--Land-surface datum is 59.07 ft (18.00 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 50.11 ft (15.27 m) NGVD, Sept. 28, 1979; lowest, 36.78 ft (11.21 m) NGVD, May 19, 1977.

ELEVATION, IN 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	44.03	43.36	43.20	45.46	46.91	46.39	43.94	43.29	46.64	43.85	44.51	48.87
10	44.94	43.06	43.43	45.14	46.74	47.29	43.45	46.46	45.51	44.71	46.77	48.39
15	44.89	43.05	43.35	45.64	46.72	47.07	41.99	48.08	45.04	44.73	48.27	48.98
20	44.78	42.87	42.76	46.33	46.47	46.34	40.59	48.16	43.59	46.32	48.83	48.72
25	44.42	42.89	42.68	46.55	46.66	45.88	41.10	47.00	43.90	45.53	48.59	49.07
EOM	43.89	42.50	43.89	47.03	47.21	44.57	42.61	46.90	43.96	44.95	48.70	49.74
MEAN	44.49	43.04	43.16	45.92	46.75	46.34	42.36	46.40	44.93	44.96	47.33	48.96
MAX	44.98	43.77	43.89	47.03	47.21	47.35	44.53	48.37	46.93	46.92	48.83	50.11
MIN	43.61	42.50	42.53	44.06	46.34	44.57	39.85	43.12	42.94	43.85	44.44	48.39
WTR YR 1979	MEAN	45.38	MAX	50.11	SEP 28	MIN	39.85	APR 23				

WELL NUMBER.--280915082382801. Eldridge-Wilde Shallow Well 024 near Tarpon Springs, FL.

LOCATION.--Lat 28°09'15", long 82°38'28", in SW¼NE¼ sec.7, T.27 S., R.17 E., Hydrologic Unit 03100207, 0.7 mi (1.1 km) north of State Highway 582, and 6.0 mi (9.7 km) east of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 16 ft (5 m), cased to 13 ft (4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 2.80 ft (0.85 m) above land-surface datum.

DATUM.--Land-surface datum is 37.80 ft (11.52 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1974 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.30 ft (9.84 m) NGVD, Oct. 23, 1975; lowest measured, 25.83 ft (7.87 m) NGVD, June 30, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1520	29.31	23...	0930	28.50
31...	1202	28.64	MAY		
DEC			17...	1025	31.25
06...	1330	27.32	JUN		
JAN , 1979			08...	1130	30.40
04...	1045	28.36	27...	1105	29.38
31...	0920	29.39	AUG		
FEB			02...	1030	28.38
27...	1117	29.06	27...	1420	30.50
MAR			SEP		
29...	0855	29.31	18...	1218	31.88

## HILLSBOROUGH COUNTY

WELL NUMBER.--280916082310502. Pasco Shallow Well 206 near Lutz, FL.

LOCATION.--Lat 28°09'16", long 82°31'05", in NE¼NE¼ sec.8, T.27 S., R.18 E., Hydrologic Unit 03100206, on south side of Lutz-Lake Fern Road, 2.0 mi (3.2 km) west of State Highway 597, and 3.3 mi (5.3 km) west of Lutz.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 10 ft (3 m), cased to 9 ft (3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, at land-surface datum.

DATUM.--Land-surface datum is 61.11 ft (18.63 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 1969 to current year (monthly). 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, 60.96 ft (18.58 m) NGVD, July 24, 1979; lowest measured, 55.87 ft (17.03 m) NGVD, June 10, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1222	58.29	04...	0510	59.21
NOV			MAY		
09...	1200	57.65	01...	0945	58.48
29...	0715	57.15	31...	1110	60.63
DEC			JUL		
27...	0740	56.83	02...	1208	60.73
FEB , 1979			24...	1103	60.90
05...	1345	58.78	AUG		
27...	1005	59.19	29...	1345	60.90

WELL NUMBER.--280917082312301. Pasco Deep Well 205 near Lutz, FL.

LOCATION.--Lat 28°09'17", long 82°31'23", in NW¼NE¼ sec.8, T.27 S., R.18 E., Hydrologic Unit 03100206, on south side of Lutz-Lake Fern Road, 2.3 mi (3.7 km) west of State Highway 597, and 3.6 mi (5.8 km) west of Lutz.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 8 in (20 cm), depth 765 ft (233 m), cased to 80 ft (24 m).

INSTRUMENTATION.--Tape measured. Measuring point: Bottom edge of horizontal discharge pipe, 1.80 ft (0.55 m) above land-surface datum.

DATUM.--Land-surface datum is 59.80 ft (18.23 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--November 1969 to current year (monthly). 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, 50.89 ft (15.51 m) NGVD, Feb. 27, 1979; lowest measured, 35.49 ft (10.82 m) NGVD, Apr. 24, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1210	43.53	04...	0800	41.72
NOV			MAY		
09...	1205	41.88	01...	0840	41.47
29...	0910	39.17	31...	1047	42.99
DEC			JUL		
27...	0930	39.04	03...	1020	40.08
FEB , 1979			25...	1530	40.87
07...	1245	44.46	AUG		
27...	1000	50.89	29...	1336	46.45

## HILLSBOROUGH COUNTY

WELL NUMBER.--280920082322101. Lutz-Lake Fern Deep Well near Lutz, FL.

LOCATION.--Lat 28°09'20", long 82°32'21", in NW¼NE¼ sec.7, T.27 S., R.18 E., Hydrologic Unit 03100206, 2.6 mi (4.1 km) east of intersection State Highway 587 and Lutz-Lake Fern Road, and 4.6 mi (7.4 km) west of Lutz.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 375 ft (114 m), cased to 65 ft (20 m).

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

DATUM.--Land-surface datum is 59.32 ft (18.08 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--January 1963 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, 48.43 ft (14.76 m) NGVD, Feb. 19, 1963; lowest, 34.02 ft (10.37 m) NGVD, May 10, 1975.

ELEVATION, IN 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	41.57	40.98	40.90	43.28	44.83	44.36	41.54	40.37	44.29	41.73	42.10	46.75
10	42.38	40.65	41.30	43.00	44.56	45.15	40.92	43.50	43.32	42.73	44.55	46.14
15	42.40	40.67	41.24	43.45	44.55	44.91	39.72	45.59	42.83	42.91	46.26	46.76
20	42.59	40.11	40.61	44.10	43.90	44.15	38.62	45.91	41.46	43.87	46.68	46.56
25	42.15	39.96	40.47	44.50	43.94	43.87	38.57	44.55	41.70	43.36	46.37	47.40
EOM	41.74	39.70	42.19	44.80	44.61	42.66	40.13	44.59	41.56	42.67	46.52	47.80
MEAN	42.12	40.47	40.98	43.77	44.42	44.26	40.08	43.84	42.67	42.82	45.15	46.85
MAX	42.81	41.68	42.19	44.80	44.96	45.20	42.52	46.06	44.57	44.26	46.68	48.00
MIN	41.43	39.67	39.65	42.43	43.70	42.66	37.64	40.16	40.91	41.73	42.10	46.14
WTR YR 1979	MEAN	43.11	MAX	48.00	SEP 28	MIN	37.64	APR 23				

WELL NUMBER.--280944082380501. Eldridge-Wilde Deep Well N-4 near Tarpon Springs, FL.

LOCATION.--Lat 28°09'44", long 82°38'05", in NE¼SE¼ sec.6, T.27 S., R.17 E., Hydrologic Unit 03100207, 3.8 mi (6.1 km) northeast of intersection State Highway 582 and East Lake Road, and 6.4 mi (10.3 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 350 ft (107 m), cased to 100 ft (30 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.04 ft (0.62 m) above land-surface datum.

DATUM.--Land-surface datum is 41.00 ft (12.50 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--July 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 maximum water level, 31.37 ft (9.56 m) NGVD, Sept. 2, 1979; lowest, 19.24 ft (5.86 m) NGVD, Apr. 21, 1979.

ELEVATION, IN 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	26.72	24.71	24.50	26.13	28.10	26.97	24.14	19.87	26.13	22.95	23.12	31.04
10	26.24	22.95	24.31	26.73	28.26	28.39	22.08	27.30	23.83	23.94	26.19	29.67
15	28.81	22.51	24.64	27.76	24.82	26.31	21.11	29.05	24.35	24.43	27.83	29.69
20	26.36	21.96	24.03	28.12	25.83	24.09	19.69	25.51	22.26	24.45	28.25	29.95
25	24.62	22.72	24.26	27.38	26.06	27.06	24.24	27.69	21.39	26.46	29.80	29.67
EOM	26.65	21.32	26.20	28.39	28.01	23.52	21.28	27.12	23.71	21.79	30.48	31.06
MEAN	26.23	23.01	24.67	27.30	26.80	26.37	22.06	25.94	23.47	23.94	27.02	30.01
MAX	28.81	26.75	26.20	28.41	28.60	28.93	24.34	29.11	27.20	26.46	30.48	31.37
MIN	24.27	21.06	23.53	26.13	23.81	23.52	19.24	19.87	21.06	21.79	21.32	28.72
WTR YR 1979	MEAN	25.57	MAX	31.37	SEP 2	MIN	19.24	APR 21				



## HILLSBOROUGH COUNTY

WELL NUMBER.--280946082310403. Pasco South BM Well near Lutz, FL.

LOCATION.--Lat 28°09'46", long 82°31'04", in NW¼SW¼ sec.4, T.27 S., R.18 E., Hydrologic Unit 03100206, 0.4 mi (0.6 km) north of Vernon Road, and 3.5 mi (5.6 km) west of Lutz.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 700 ft (213 m), cased to 93 ft (28 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.51 ft (0.77 m) above land-surface datum.

DATUM.--Land-surface datum is 62.03 ft (18.91 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 51.53 ft (15.71 m) NGVD, June 12, 13, 1976; lowest, 36.83 ft (11.23 m) NGVD, May 27, 1977.

ELEVATION, IN 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	46.17	45.57	45.79	47.18	48.90	48.19	45.90	45.37	49.25	45.94	46.66	49.88
10	47.44	45.33	46.06	47.17	48.80	48.96	45.28	48.71	47.57	46.63	47.95	49.57
15	47.30	45.16	45.96	47.69	48.80	48.72	43.46	50.41	47.12	46.56	49.35	50.09
20	46.98	45.81	45.58	48.39	48.78	48.91	41.08	50.07	44.72	47.19	49.02	49.87
25	46.70	45.73	45.46	48.08	49.08	47.71	42.21	49.59	45.11	47.37	49.46	49.74
EOM	45.92	44.86	46.03	49.02	49.53	46.91	44.61	49.46	46.48	47.01	49.85	50.16
MEAN	46.67	45.43	45.76	47.75	48.91	48.33	43.75	48.68	46.89	46.74	48.60	49.84
MAX	47.44	45.89	46.23	49.02	49.53	49.53	46.84	50.64	49.48	47.59	49.85	50.20
MIN	44.81	44.86	44.90	46.18	48.70	46.91	40.25	45.33	43.19	45.88	46.54	49.29
WTR YR 1979 MEAN	47.27		MAX	50.64	MAY 17	MIN	40.25	APR 23				

WELL NUMBER.--280949082384001. Eldridge-Wilde Shallow Well 021 near Tarpon Springs, FL.

LOCATION.--Lat 28°09'49", long 82°38'40", in NE¼SW¼ sec.6, T.27 S., R.17 E., Hydrologic Unit 03100207, in Eldridge-Wilde Well Field, 1.5 mi (2.4 km) north of State Highway 582, and 6.0 mi (9.7 km) east of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of the Tertiary System, Geologic Unit 120 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 19 ft (6 m), cased to 16 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 36.50 ft (11.13 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1974 to current year (monthly), incomplete.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.82 ft (9.39 m) NGVD, Sept. 4, 1974; lowest measured, 22.76 ft (6.94 m) NGVD, July 15, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1150	27.08	02...	1145	25.97
31...	1005	26.34	23...	1155	24.66
DEC			JUN		
06...	1105	24.80	11...	1000	26.93
JAN , 1979			27...	1305	25.99
04...	1130	25.24	AUG		
31...	1445	27.13	03...	1055	25.28
FEB			27...	1320	27.56
27...	0430	26.32			

## HILLSBOROUGH COUNTY

WELL NUMBER.--280956082381801. Eldridge-Wilde Deep Well 139G near Tarpon Springs, FL.

LOCATION.--Lat 28°09'56", long 82°38'18", in SW¼NE¼ sec.6, T.27 S., R.17 E., Hydrologic Unit 03100207, 1.5 mi (2.5 km) north of State Highway 582, and 7.3 mi (11.7 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 195 ft (59 m), cased to 44 ft (13 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 40.76 ft (12.42 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--March 1973 to current year, incomplete. 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, 29.32 ft (8.94 m) NGVD, Sept. 2, 1979; lowest, 11.43 ft (3.48 m) NGVD, May 7, 1974.

ELEVATION, IN 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	24.07	21.84	20.53	22.39	25.62	24.90	21.66	15.28	23.23	19.80	19.01	28.76
10	23.54	20.30	20.70	23.17	26.13	25.24	18.54	23.97	20.90	19.74	22.29	27.26
15	27.06	19.29	21.23	23.67	21.57	22.58	17.70	26.77	21.64	20.30	24.05	27.05
20	23.38	18.49	20.40	24.69	21.87	20.88	15.26	21.81	17.81	20.36	24.09	27.22
25	21.16	19.99	20.80	25.01	23.94	24.55	20.61	25.44	16.86	22.95	26.22	27.01
EOM	24.36	18.48	22.54	25.98	25.94	20.09	17.48	24.80	20.54	17.30	27.65	27.69
MEAN	23.38	19.91	21.07	24.14	24.19	23.43	18.44	22.97	20.14	19.96	23.12	27.26
MAX	27.06	24.26	22.55	26.04	26.41	26.72	21.66	26.84	24.84	22.95	27.65	29.32
MIN	20.71	17.54	19.86	22.39	20.39	19.64	15.26	15.28	16.86	17.30	16.75	24.62
WTR YR 1979	MEAN	22.33	MAX	29.32	SEP 2	MIN	15.26	APR 20				

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--281017082380902. Eldridge-Wilde Deep Well 142 near Tarpon Springs, FL.

LOCATION.--Lat 28°10'17", long 82°38'09", in NE¼NE¼ sec.6, T.27 S., R.17 E., Hydrologic Unit 03100207, in Eldridge-Wilde Well Field, 2.3 mi (3.7 km) north of State Highway 582, and 6.5 mi (10.5 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary system, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 39 ft (12 m), cased to 38 ft (12 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 2.20 ft (0.67 m) above land-surface datum.

DATUM.--Land-surface datum is 37.40 ft (11.40 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--May 1972 to current year (monthly), incomplete. 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, 28.50 ft (8.69 m) NGVD, Aug. 27, 1979; lowest measured, 9.69 ft (2.95 m) NGVD, June 30, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1435	14.31	15...	1355	27.20
31...	1122	25.40	JUN		
DEC			11...	0900	13.53
06...	1132	22.30	27...	1250	22.13
JAN , 1979			AUG		
04...	1137	15.51	03...	0945	11.26
31...	1538	26.90	27...	1250	28.50
FEB			SEP		
27...	0945	16.08	18...	1407	18.09
APR					
02...	0955	12.89			
23...	1130	11.07			

WELL NUMBER.--281017082380903. Eldridge-Wilde Shallow Well 142 near Tarpon Springs, FL.

LOCATION.--Lat 28°10'17", long 82°38'09", in NE¼NE¼ sec.6, T.27 S., R.17 E., Hydrologic Unit 03100207, in Eldridge-Wilde Well Field, 2.3 mi (3.7 km) north of State Highway 582, and 6.5 mi (10.5 km) east of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of the Tertiary System, Geologic Unit 120 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 13 ft (4 m), cased to 10 ft (3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 2.20 ft (0.67 m) above land-surface datum.

DATUM.--Land-surface datum is 37.27 ft (11.36 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1972 to current year (monthly), incomplete. 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, 38.11 ft (11.62 m) NGVD, Sept. 4, 1974; lowest measured, 30.05 ft (9.16 m) NGVD, June 13, 1975, June 30, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1430	33.81	15...	1353	35.80
31...	1115	33.23	JUN		
DEC			11...	0905	34.39
06...	1130	32.59	27...	1245	33.34
JAN , 1979			AUG		
04...	1135	33.59	03...	0945	32.12
31...	1635	34.43	27...	1248	34.65
FEB			SEP		
27...	0940	34.85	18...	1409	36.16
APR					
02...	0950	34.01			
23...	1120	32.96			

## HILLSBOROUGH COUNTY

WELL NUMBER.--281019082310701. Pasco Deep Well 204 near Lutz, FL.

LOCATION.--Lat 28°10'19", long 82°31'07", in NE¼NE¼ sec.5, T.27 S., R.18 E., Hydrologic Unit 03100206, on west side of Sierra Pines Boulevard, 1.5 mi (2.4 km) north of Lutz-Lake Fern Road, and 3.6 mi (5.8 km) west of Lutz.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 47 ft (14 m), cased to 45 ft (14 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, at land-surface datum.

DATUM.--Land-surface datum is 59.27 ft (18.07 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--November 1969 to current year (monthly). 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, 55.09 ft (16.79 m) NGVD, Jan. 13, 1970; lowest measured, 30.31 ft (9.24 m) NGVD, May 12, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1237	47.15	04...	0822	41.83
NOV			MAY		
09...	1150	40.65	01...	0900	45.17
29...	0925	40.39	31...	1100	45.19
DEC			JUL		
27...	0950	45.28	02...	1220	41.67
FEB , 1979			24...	1115	42.18
05...	1303	48.53	AUG		
27...	1020	49.15	29...	1328	43.77

WELL NUMBER.--281019082310702. Pasco Shallow Well 204 near Lutz, FL.

LOCATION.--Lat 28°10'19", long 82°31'07", in NE¼NE¼ sec.5, T.27 S., R.18 E., Hydrologic Unit 03100206, on west side of Sierra Pines Boulevard, 1.5 mi (2.4 km) north of Lutz-Lake Fern Road, and 3.6 mi (5.8 km) west of Lutz.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 10 ft (3 m), cased to 8 ft (2 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, at land-surface datum.

DATUM.--Land-surface datum is 59.37 ft (18.10 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 1969 to current year (monthly). 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, 58.85 ft (17.94 m) NGVD, Aug. 29, 1979; lowest measured, 53.37 ft (16.27 m) NGVD, May 13, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1234	55.61	04...	0820	56.51
NOV			MAY		
09...	1148	54.75	01...	0855	55.21
29...	0920	54.30	31...	1055	58.30
DEC			JUL		
27...	1000	54.43	02...	1215	56.86
FEB , 1979			24...	1110	58.16
05...	1300	57.11	AUG		
27...	1015	58.10	29...	1324	58.85

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## HILLSBOROUGH COUNTY

WELL NUMBER.--281022082385501. Eldridge-Wilde Shallow Well 131 near Tarpon Springs, FL.

LOCATION.--Lat 28°10'22", long 82°38'55", in NW¼NW¼ sec.6, T.27 S., R.17 E., Hydrologic Unit 03100207, in Eldridge-Wilde Well Field, 2.0 mi (3.2 km) north of State Highway 582, and 6.2 mi (10.0 km) east of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 24 ft (7 m), cased to 23 ft (7 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 2.10 ft (0.64 m) above land-surface datum.

DATUM.--Land-surface datum is 37.00 ft (11.28 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1972 to current year (monthly), incomplete. 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, 28.50 ft (8.69 m) NGVD, Oct. 23, 1975; lowest measured, 17.85 ft (5.44 m) NGVD, May 29, 1974.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1405	23.03	15...	1325	24.51
31...	1105	22.63	JUN		
DEC			11...	0810	24.16
06...	1200	21.76	AUG		
JAN , 1979			02...	1430	22.67
04...	1155	21.09	27...	1345	23.71
31...	1615	22.20	SEP		
FEB			18...	1514	24.32
27...	0455	22.22			
APR					
02...	0830	22.60			



WATER RESOURCES DATA FOR FLORIDA, 1979  
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KEY TO SITE LOCATIONS ON FIGURE 11  
LAKE COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	282245081492601	155
2	282245081492602	155
3	282717081553101	156

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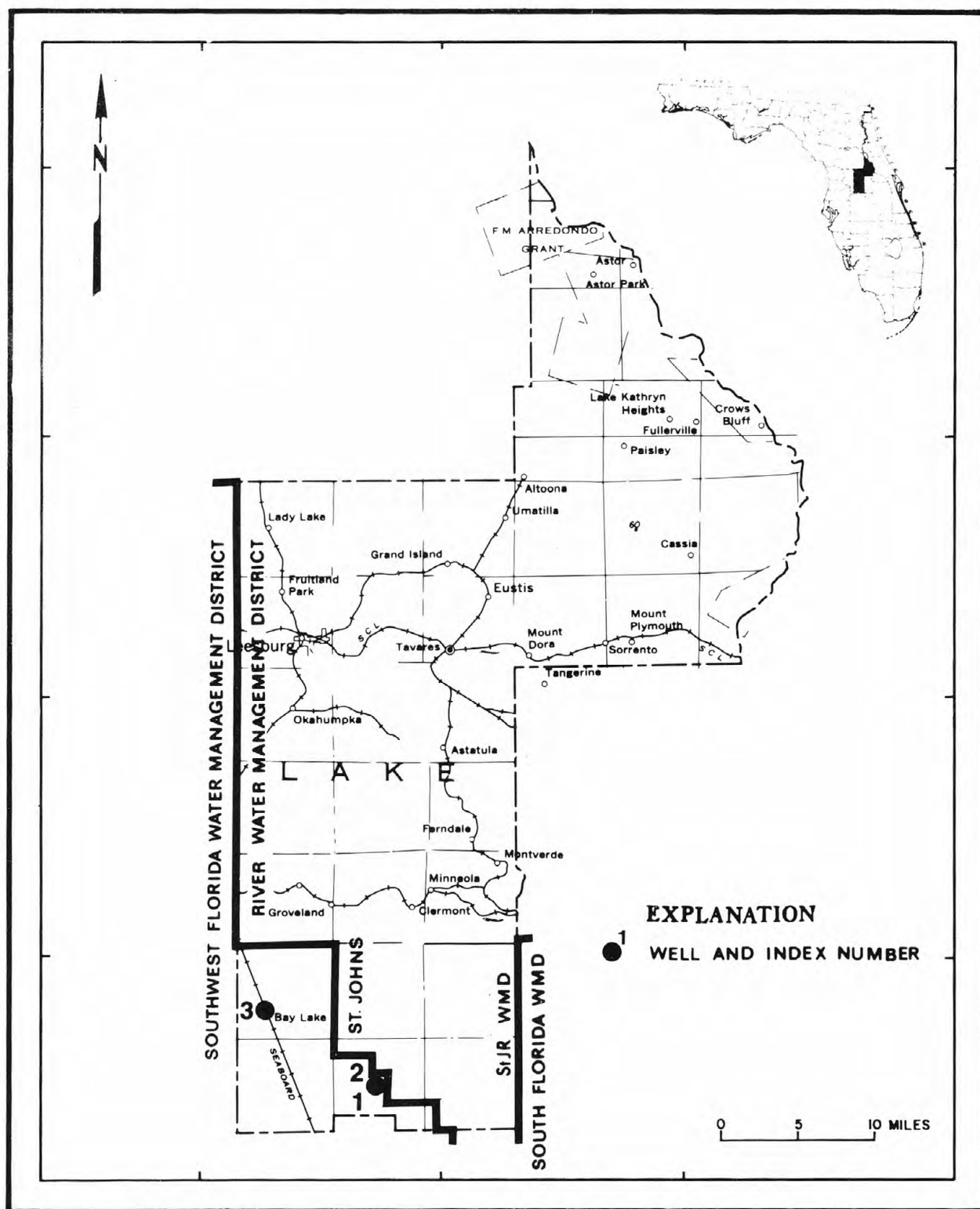


Figure 11. Location of wells in Lake County

## LAKE COUNTY

WELL NUMBER.--282245081492601. Local Number 822-149-213. USGS Observation Well Eva Deep at Eva, FL.

LOCATION.--Lat 28°22'45", long 81°49'26", in NE¼SE¼SE¼ sec.20, T.24 S., R.25 E., Hydrologic Unit 03100208, on east side of State Road 33, 1,000 ft (305 m) north of State Road 474 at Eva.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 192 ft (58 m), cased to 100 ft (30 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 6-in (15 cm) nipple, 3.40 ft (1.04 m) above land-surface datum.

DATUM.--Land-surface datum is 113.47 ft (34.58 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1959 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, 112.72 ft (34.36 m) NGVD, Sept. 10, 1960; lowest measured, 106.82 ft (32.56 m) NGVD, May 6, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT			MAY		
17...	1405	109.10	08...	1525	110.42
DEC			JUN		
11...	1200	108.04	08...	0745	110.31
FEB			SEP		
13...	1000	110.56	19...	1240	111.53
APR					
17...	1540	109.36			

WELL NUMBER.--282245081492602. Local Number 822-149-213A. USGS Observation Well Eva Shallow at Eva, FL.

LOCATION.--Lat 28°22'45", long 81°49'26" (revised), in NE¼SE¼SE¼ sec.20, T.24 S., R.25 E., Hydrologic Unit 03100208, on east side of State Road 33, 1,000 ft (305 m) north of State Road 474 at Eva.

AQUIFER.--Nonartesian sand aquifer of the Holocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, non-artesian well, diameter 6 in (15 cm), depth 23 ft (7 m), cased to 18 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Hole in 6-in (15 cm) cap, 3.62 ft (1.10 m) above land-surface datum.

DATUM.--Land-surface datum is 113.44 ft (34.58 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1959 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, 114.44 ft (34.88 m) NGVD, Sept. 10, 1960; lowest measured, 107.82 ft (32.86 m) NGVD, May 6, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT			MAY		
17...	1410	109.93	08...	1525	112.47
DEC			JUN		
11...	1200	109.08	06...	0740	111.47
FEB			SEP		
13...	1000	111.66	19...	1250	113.07
APR					
17...	1525	111.02			

## LAKE COUNTY

WELL NUMBER.--282717081553101. Local Number 827-105-02. ROMP Deep Well 101 near Bay Lake, FL.

LOCATION.--Lat 28°27'17", long 81°55'31", in NE¼NE¼SE¼ sec.29, T.23 S., R.24 E., Hydrologic Unit 03100208, 75 ft (23 m) south of State Road 565, 800 ft (244 m) west of Seaboard Airline Railroad crossing, and 2.3 mi (5.3 km) southwest of intersection of Bay Lake Road and State Road 565 at Bay Lake.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 8 in (20 cm), depth 405 ft (123 m), cased to 118 ft (36 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 101.35 ft (30.89 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 100.25 ft (30.56 m) NGVD, Sept. 27, 28, 1979; lowest, 93.87 ft (28.61 m) NGVD, Dec. 22, 1978.

ELEVATION, IN 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	95.82	94.76	94.13	95.65	96.94	97.73	97.51	97.22	97.62	96.81	96.12	98.90
10	95.61	94.64	94.03	95.69	96.97	98.00	97.39	97.94	97.32	96.55	97.39	98.99
15	95.48	94.41	94.00	96.82	96.86	98.16	97.15	98.21	97.03	96.27	98.45	100.03
20	95.19	94.35	93.90	96.90	96.71	98.03	96.73	97.88	96.64	96.91	98.39	99.60
25	95.03	94.24	94.16	97.20	97.65	98.04	97.51	98.04	96.33	96.90	98.35	99.72
EOM	94.97	94.16	94.91	97.12	97.61	97.72	97.36	97.92	96.57	96.36	98.61	100.19
MAX	96.08	94.94	94.91	97.27	97.71	98.22	97.70	98.21	97.89	97.01	98.80	100.25
WTR YR 1979	MEAN	96.78	MAX	100.25	SEP 27 AND OTHERS			MIN	93.87	DEC 22		

WATER RESOURCES DATA FOR FLORIDA, 1979  
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KEY TO SITE LOCATIONS ON FIGURE 12  
LEVY COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
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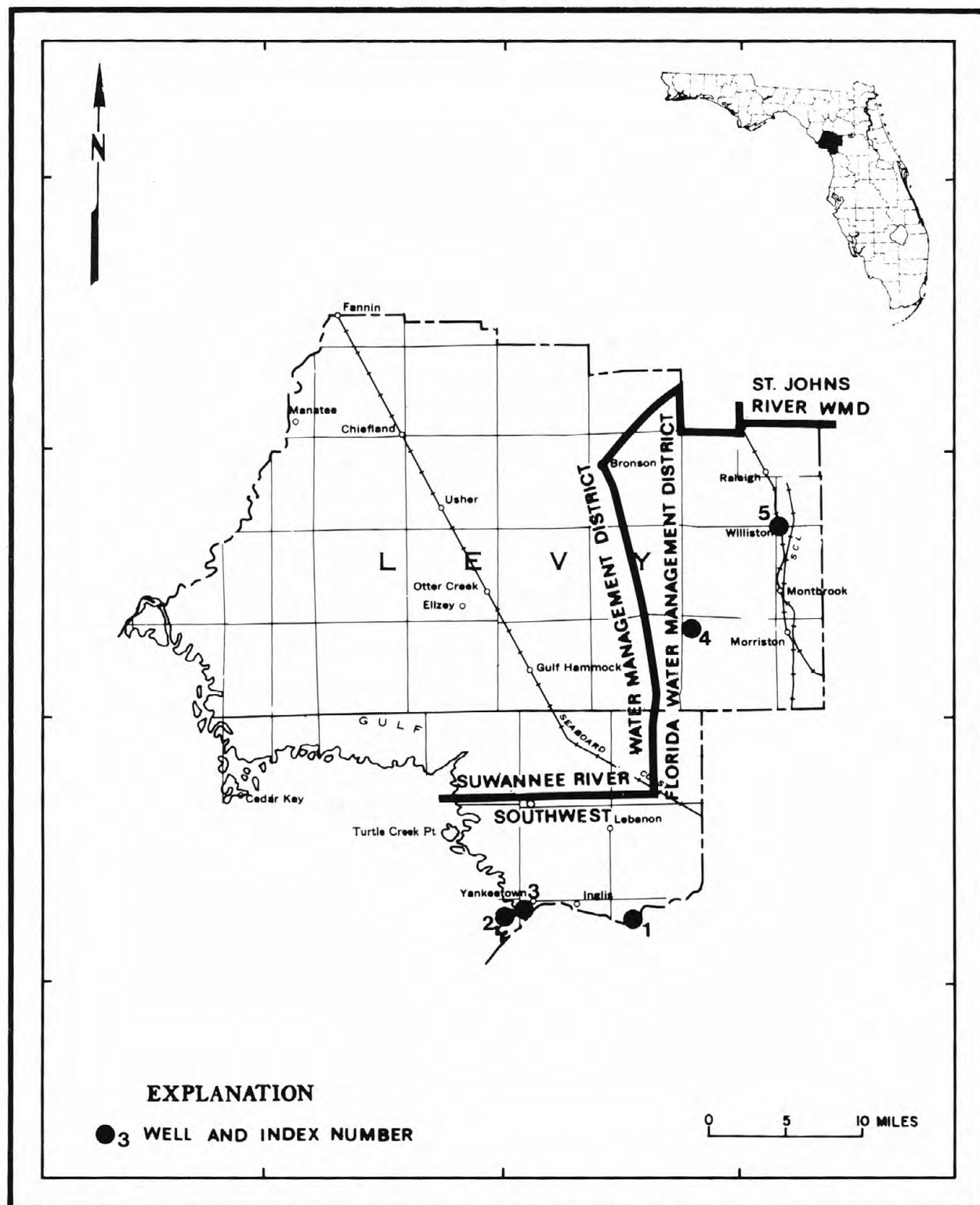


Figure 12. Location of wells in Levy County

## LEVY COUNTY

WELL NUMBER.--290112082371101. Local Number CE 5. USGS Observation Well CE 5 near Inglis, FL.

LOCATION.--Lat 29°01'12", long 82°37'11", in NE¼NE¼NE¼ sec.7, T.17 S., R.17 E., Hydrologic Unit 03100208, on island 700 ft (213 m) southwest of Inglis Lock, and 3.2 mi (5.1 km) southeast of Inglis.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 125 ft (38 m), cased to 84 ft (26 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 25.39 ft (7.74 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water-level affected by tides.

PERIOD OF RECORD.--May 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, 9.41 ft (2.87 m) NGVD, Sept. 6, 1968; lowest, 6.96 ft (2.12 m) below NGVD, Sept. 16, 1966.

ELEVATION, IN 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	5.71	5.22	5.83	4.15	4.27	4.81	4.64	4.60	4.68	4.68	4.95	5.77
10	5.19	4.96	3.82	4.08	3.81	4.80	4.91	4.90	5.18	5.36	5.17	5.20
15	5.37	5.32	4.38	3.79	4.47	4.60	4.78	4.82	4.38	4.62	4.55	5.42
20	5.28	4.70	4.70	5.59	4.38	4.70	4.48	4.60	4.60	4.73	5.11	5.64
25	4.82	4.82	4.41	4.50	5.62	5.27	5.39	5.02	5.00	5.10	5.15	5.31
EOM	4.60	5.51	4.85	4.50	4.72	4.93	4.86	4.67	4.60	4.75	4.91	5.61
MAX	5.91	5.51	5.91	5.59	5.72	5.53	5.39	5.30	5.40	5.48	5.36	6.15
WTR YR 1979	MEAN	4.89	MAX	6.15	SEP 21	MIN	3.32	JAN 3				

WELL NUMBER.--290200082432301. ROMP Deep Well 124 near Yankeetown, FL.

LOCATION.--Lat 29°02'00", long 82°43'23", in NE¼NE¼ sec.6, T.17 S., R.16 E., Hydrologic Unit 03110101, 120 ft (37 m) south of Bonita Club Road, and 1.2 mi (1.9 km) west of Yankeetown.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm) corrected, depth 250 ft (76 m), cased to 200 ft (61 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 3.64 ft (1.11 m) above land-surface datum.

DATUM.--Land-surface datum is 4.21 ft (1.28 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 4.34 ft (1.32 m) NGVD, Aug. 2, 1978; lowest, 1.78 ft (0.54 m) NGVD, Dec. 13, 1978.

ELEVATION, IN 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	2.99	2.50	3.04	2.42	3.19	3.37	3.01	3.10	3.12	2.57	2.49	3.57
10	2.51	2.36	2.33	2.45	3.04	3.23	3.15	3.86	3.07	2.96	3.11	3.18
15	2.78	2.49	1.96	2.91	3.18	3.17	3.01	3.72	2.59	2.64	3.38	3.49
20	2.52	2.26	2.28	3.78	2.94	3.10	2.64	3.31	2.62	2.64	3.38	3.52
25	2.23	2.28	2.40	3.69	3.81	3.61	3.62	3.55	2.88	2.81	3.31	3.86
EOM	2.34	2.65	2.37	3.44	3.28	3.11	3.23	3.26	2.85	2.46	3.10	4.15
MEAN	2.63	2.41	2.26	3.13	3.25	3.24	3.04	3.42	2.90	2.71	3.12	3.62
MAX	3.16	2.65	3.04	3.90	4.04	3.77	3.66	3.91	3.20	3.07	3.58	4.19
MIN	2.23	2.05	1.78	2.16	2.92	2.91	2.64	3.04	2.59	2.43	2.41	3.18
WTR YR 1979	MEAN	2.98	MAX	4.19	SEP 28 AND OTHERS	MIN	1.78	DEC 13				

## LEVY COUNTY

WELL NUMBER.--290202082403901. Local Number Levy 902-240-343. Florida Power Corporation Well CE 62 at Inglis, FL.

LOCATION.--Lat 29°02'02", long 82°40'39", in SW¼NW¼E¼ sec.3, T.17 S., R.16 E., Hydrologic Unit 03100208, 100 ft (30 m) south of State Highway 40 at power plant, 0.6 mi (1.0 km) west of U.S. Highway 19 in Inglis.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, industrial, artesian well, diameter 4 in (10 cm), depth 155 ft (47 m), casing length unknown.

INSTRUMENTATION.--Tape measured. Measuring point: Top of 4 in (10 cm) coupling, 1.8 ft (0.5 m) above land-surface datum.

DATUM.--Land-surface datum is 12.67 ft (3.86 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1961, October 1963 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, 10.55 ft (3.22 m) NGVD, Sept. 15, 1964; lowest measured, 1.34 ft (0.41 m) NGVD, Mar. 14, 1968.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV			JUL		
21...	0915	2.78	12...	1230	3.83
JAN			SEP		
22...	1630	4.23	10...	1440	4.81
MAR			17...	1450	5.19
14...	1315	4.15			
MAY					
06...	1200	4.03			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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## LEVY COUNTY

WELL NUMBER.--291910082341101. Local Number Levy 919-234-01. Bullock-Huber Well near Williston, FL.

LOCATION.--Lat 29°19'10", long 82°34'11", in NW¼NW¼NW¼ sec.36, T.13 S., R.17 E., Hydrologic Unit 03080102, in a field, 1.0 mi (1.6 km) south of a county road, 2.9 mi (4.7 km) west of State Highway 121, and 10 mi (16 km) southwest of Williston.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 91 ft (28 m), cased to 68 ft (21 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.70 ft (0.82 m) above land-surface datum.

DATUM.--Land-surface datum is 92.00 ft (28.04 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February 1974 to September 1977 (bimonthly), October 1977 to current year (semiannually).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.90 ft (15.82 m) NGVD, Sept. 25, 1978; lowest measured, 43.15 ft (13.15 m) NGVD, Sept. 20, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)
MAY 07...	1500	46.71

WELL NUMBER.--292430082283001. Local Number Levy 924-228-01. Devils Den Sink CE 8 near Williston, FL.

LOCATION.--Lat 29°24'30", long 82°28'30", in NW¼SE¼SE¼ sec.26, T.12 S., R.18 E., Hydrologic Unit 03080102, 1,000 ft (305 m) west of county road, 1.5 mi (2.1 km) north of Alternate U.S. Highway 27, at a point 1.0 mi (1.6 km) west of U.S. Highway 41 in Williston.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Natural sinkhole, depth 50 ft (15 m).

INSTRUMENTATION.--Tape measured. Measuring point: Painted mark on east side at land-surface datum.

DATUM.--Land-surface datum is 71.55 ft (21.81 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 1935 to December 1949, and March 1966 to September 1967 (monthly), November 1967 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, 60.4 ft (18.4 m) NGVD, October 1948; lowest measured, 43.81 ft (13.35 m) NGVD, Nov. 8, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV 29...	1000	50.23	MAY 07...	1300	48.35
FEB 07...	0900	48.55	JUL 31...	1500	48.07
MAR 20...	1700	48.48			

WATER RESOURCES DATA FOR FLORIDA, 1979  
VOLUME 3B: SOUTHWEST FLORIDA

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MANATEE COUNTY

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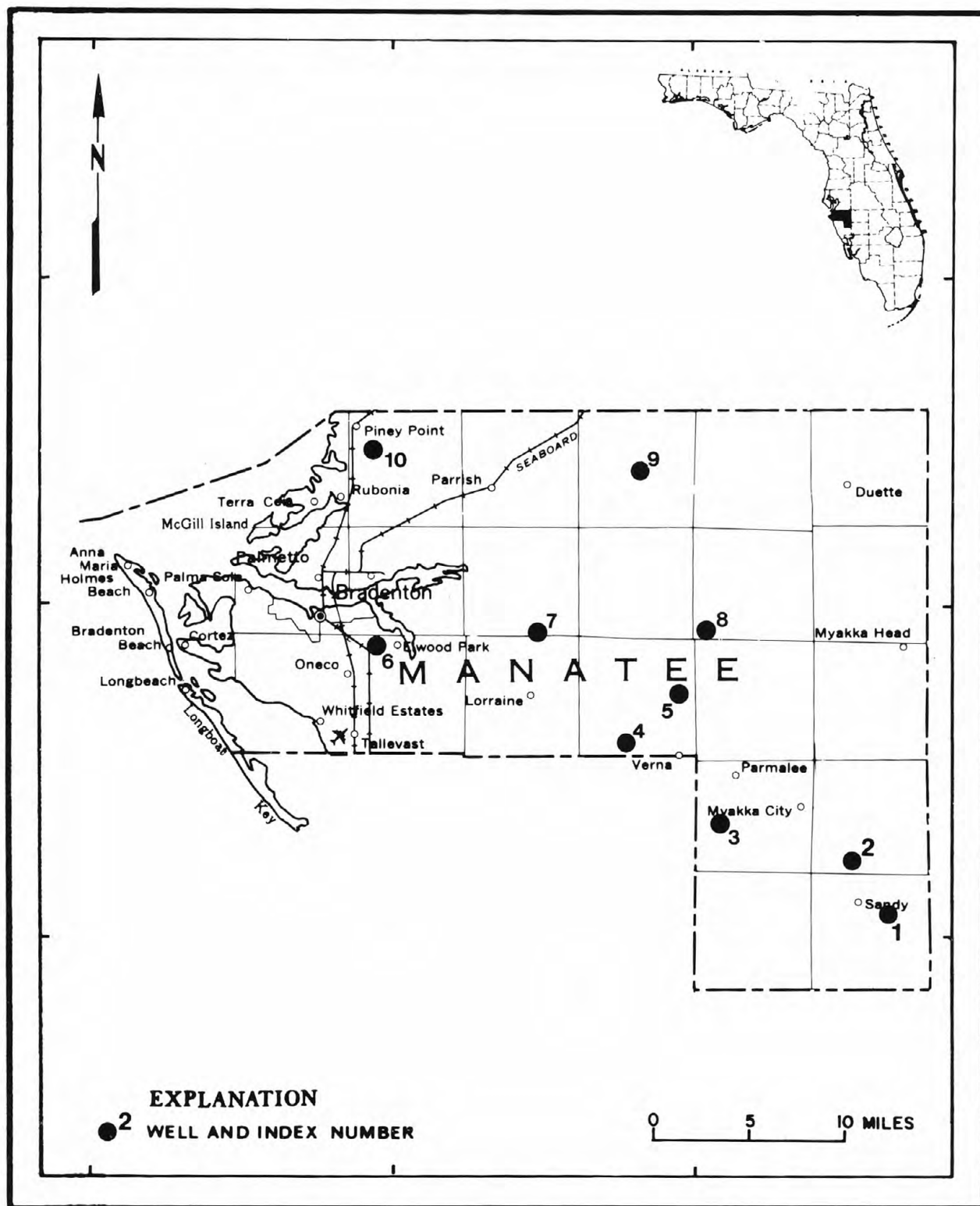


Figure 13. Location of wells in Manatee County

## MANATEE COUNTY

WELL NUMBER.--271611082050201. Jacobson Deep Well near Edgeville, FL.

LOCATION.--Lat 27°16'11", long 82°05'02", in SE¼SW¼ sec.11, T.37 S., R.22 E., Hydrologic Unit 03100102, 100 ft (60 m) south of Clay Gully Road, and 4.9 mi (7.9 km) southeast of Edgeville.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 16 in (41 cm), depth 1,180 ft (360 m), cased to 116 ft (35 m).

INSTRUMENTATION.--Tape measured. Measuring point: End of pump discharge pipe, 2.3 ft (0.7 m) above land-surface datum. Prior to Oct. 1, 1977, top of casing, at land-surface datum.

DATUM.--Altitude of land-surface datum is 62 ft (19 m), from topographic map.

PERIOD OF RECORD.--November 1968 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, 48.61 ft (14.82 m) NGVD, Nov. 8, 1968; lowest measured, 28.70 ft (8.75 m) NGVD, May 14, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			JUN , 1979		
27...	1335	40.77	04...	1240	40.65
JAN , 1979			JUL		
29...	1545	44.35	30...	1130	43.89
APR			SEP		
02...	1346	42.14	17...	1035	45.36
MAY					
14...	1044	38.66			

## MANATEE COUNTY

WELL NUMBER.--271832082064801. Edgeville Deep Well 3 at Edgeville, FL.

LOCATION.--Lat 27°18'32", long 82°06'48", in NE¼NW¼ sec.33, T.36 S., R.22 E., Hydrologic Unit 03100102, 0.5 mi (0.8 km) southwest of Edgeville, and 4.3 mi (6.9 km) east of Myakka City.

AQUIFER.--Limestone aquifer of Oligocene Age, Geologic Unit 123 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 600 ft (183 m), cased to 487 ft (148 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.9 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 70 ft (21 m), from topographic map.

PERIOD OF RECORD.--October 1965 to February 1978 (bimonthly); March 1978 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, 46.40 ft (14.14 m) NGVD, Oct. 31, 1965; lowest measured, 17.07 ft (5.20 m) NGVD, May 11, 1976.

ELEVATION, IN 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	38.91	36.09	33.66	35.37	38.22	37.66	34.00	27.60	32.90	35.26	38.19	39.45
10	38.47	35.72	34.41	36.27	38.18	38.12	32.02	28.99	32.99	35.93	37.82	39.85
15	38.20	34.22	34.45	37.00	37.94	37.85	29.87	30.47	33.62	36.38	37.79	40.13
20	37.69	33.70	34.34	37.97	37.27	37.26	28.18	31.59	34.13	37.00	38.03	40.38
25	37.09	33.08	33.85	37.96	37.42	37.03	27.09	31.52	34.57	37.54	38.42	40.64
EOM	36.32	32.80	34.62	38.29	37.51	35.55	27.15	31.68	34.89	38.06	38.91	41.05
MEAN	37.92	34.47	34.06	36.99	37.81	37.34	30.23	30.02	33.65	36.52	38.16	40.13
MAX	38.95	36.44	34.62	38.29	38.41	38.17	35.29	31.75	34.89	38.06	38.91	41.05
MIN	36.32	32.80	32.69	34.90	36.99	35.55	27.03	27.15	31.99	34.91	37.71	39.04
WTR YR 1979 MEAN	35.60		MAX	41.05 SEP 30		MIN	27.03 APR 24					

WELL NUMBER.--271832082064802. Edgeville Well 4 at Edgeville, FL.

LOCATION.--Lat 27°18'32", long 82°06'48", in NE¼NW¼ sec.33, T.36 S., R.22 E., Hydrologic Unit 03100102, 0.5 mi (0.8 km) southwest of Edgeville, and 4.3 mi (6.9 km) east of Myakka City.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 120 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 70 ft (21 m), cased to 65 ft (20 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.2 ft (1.0 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 70 ft (21 m), from topographic map.

PERIOD OF RECORD.--October 1965 to June 1967 (monthly); August 1967 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, 69.93 ft (21.31 m) NGVD, Sept. 16, 1971; lowest measured, 63.85 ft (19.46 m) NGVD, May 14, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			JUN , 1979		
27...	1305	66.20	04...	1215	66.05
JAN , 1979			JUL		
29...	1512	68.97	30...	1055	68.87
APR			SEP		
02...	1330	67.30	17...	1018	69.20
MAY					
14...	1009	66.91			

## MANATEE COUNTY

WELL NUMBER.--272058082143701. Verna T Well 0-2 near Verna, FL.

LOCATION.--Lat 27°20'58", long 82°14'37", in SW¼NE¼ sec.26, T.35 S., R.20 E., Hydrologic Unit 03100102, 2.5 mi (4.0 km) south of State Highway 70, and 4.0 mi (6.4 km) southeast of Verna.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 530 ft (162 m), cased to 140 ft (43 m).

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

DATUM.--Land-surface datum is 68.92 ft (21.01 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

PERIOD OF RECORD.--March 1978 to current year. Prior to October 1978, published as City of Sarasota Well 1H 0-2 near Verna.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 31.28 ft (9.53 m) NGVD, Sept. 30, 1979, water level rising; lowest, 8.50 ft (2.59 m) NGVD, May 27, 1978.

ELEVATION, IN 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	28.42	25.10	21.65	25.73	28.84	26.86	20.71	14.74	20.85	23.55	26.71	29.47
10	27.65	24.88	22.88	26.75	28.82	27.66	17.86	16.10	20.99	25.10	25.52	29.55
15	27.58	23.65	23.00	27.90	28.12	27.43	16.49	18.01	21.98	25.93	26.14	29.82
20	27.14	22.40	22.11	28.51	26.76	26.93	12.80	19.39	22.33	26.75	26.86	30.14
25	26.20	21.86	22.76	28.67	26.47	26.02	15.06	18.66	22.54	27.07	27.89	30.49
ENDM	25.39	19.48	24.49	28.99	27.18	22.83	14.29	18.86	22.93	27.44	28.73	31.28
MEAN	27.21	23.36	22.65	27.51	27.90	26.54	16.67	17.25	21.64	25.70	27.05	29.98
MAX	28.72	25.58	24.49	29.09	29.21	28.23	23.12	19.40	22.93	27.44	28.73	31.28
MIN	25.22	19.48	20.58	24.67	26.23	22.83	12.80	13.92	19.47	23.00	25.52	28.94
WTR YR 1979	MEAN	24.44	MAX	31.28 SEP 30	MIN	12.80 APR 20						

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## MANATEE COUNTY

WELL NUMBER.--272356082181302. Verna Deep Well 1A near Verna, FL.

LOCATION.--Lat 27°23'56", long 82°18'13", in NW¼NW¼ sec.34, T.35 S., R.20 E., Hydrologic Unit 03100201, 60 ft (20 m) north of State Highway 70, and 2.2 mi (3.5 km) northwest of Verna.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 to 4 in (15 to 10 cm), depth 480 ft (146 m), cased to 412 ft (126 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.10 ft (0.94 m) above land-surface datum.

DATUM.--Land-surface datum is 81.94 ft (24.98 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by seasonal pumping of nearby irrigation wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--March 1970 to current year, incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey.

REVISED RECORDS.--WDR FL-76-3: 1975.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 48.39 ft (14.75 m) NGVD, Apr. 3, 1970; lowest, 23.52 ft (7.17 m) NGVD, May 9, 1975.

ELEVATION, IN 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	39.33	38.04	36.67	36.99	39.03	37.82	35.00	31.09	33.45	34.86	35.52	37.81
10	38.71	37.84	36.96	37.48	39.06	38.49	33.80	31.28	33.72	35.18	35.53	37.83
15	38.99	37.50	36.97	37.97	38.64	38.31	32.47	32.35	33.94	35.31	36.30	38.61
20	38.95	37.10	36.62	38.76	38.08	37.56	31.33	33.14	33.97	35.92	36.72	38.91
25	38.59	36.70	36.16	38.94	37.93	36.97	31.14	33.19	33.96	36.39	37.01	39.29
EOB	38.45	36.16	36.22	39.31	37.93	35.85	31.16	32.94	34.30	36.07	37.26	39.71
MEAN	38.89	37.35	36.56	38.10	38.57	37.60	32.78	32.24	33.77	35.58	36.31	38.56
MAX	39.43	38.40	37.06	39.31	39.20	38.57	35.70	33.38	34.30	36.47	37.26	39.71
MIN	38.38	36.16	36.09	36.46	37.78	35.85	31.05	30.80	32.99	34.55	35.43	37.42
WTR YR 1979 MEAN	36.35			39.71	SEP 30	MIN	30.80	MAY 7				

## MANATEE COUNTY

WELL NUMBER.--272404082161701. Verna T Well 0-1 near Verna, FL.

LOCATION.--Lat 27°24'04", long 82°16'17", in SE¼SE¼ sec.26, T.35 S., R.20 E., Hydrologic Unit 03100201, 1.0 mi (1.6 km) north of State Highway 70, and 1.2 mi (1.9 km) northwest of Verna.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 480 ft (146 m), cased to 140 ft (43 m).

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

DATUM.--Land-surface datum is 98.92 ft (30.15 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 30.33 ft (9.24 m) NGVD, Sept. 30, 1979, water level rising; lowest, 6.94 ft (2.12 m) NGVD, May 4, 1978.

ELEVATION, IN 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	25.65	21.37	17.87	23.51	27.89	25.00	17.88	11.17	18.12	22.00	24.10	28.09
10	23.72	21.71	20.05	24.83	27.54	25.38	14.92	12.89	18.47	23.00	22.55	27.77
15	24.81	19.83	20.75	25.72	28.22	25.28	12.36	15.49	19.47	23.48	24.59	28.94
20	23.66	18.86	20.41	26.84	24.46	23.39	10.26	17.17	19.55	24.84	25.06	29.07
25	23.02	18.32	20.23	27.36	24.00	22.15	10.96	15.97	20.01	25.76	26.17	29.79
END	22.60	17.87	21.74	27.94	24.90	19.47	10.80	15.95	21.12	25.74	27.24	30.33
MEAN	24.04	19.94	20.30	25.69	26.12	23.86	13.42	14.46	19.12	23.91	24.90	28.80
MAX	25.71	22.25	21.74	27.94	27.94	26.38	19.37	17.37	21.12	25.92	27.24	30.33
MIN	22.22	17.87	16.19	22.06	23.53	19.47	9.84	10.69	16.69	21.37	22.31	27.33
WTR YR 1979	MEAN	22.04	MAX	30.33	SEP 30	MIN	9.84	APR 21				

WELL NUMBER.--272823082311701. Bradenton Stone Well near Bradenton, FL.

LOCATION.--Lat 27°28'23", long 82°31'17", in NW¼NE¼ sec.5, T.35 S., R.18 E., Hydrologic Unit 03100202, 0.2 mi (0.3 km) south of 26th Avenue, and 2.8 mi (4.5 km) southeast of Bradenton.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation well, diameter 6 in (15 cm), depth 600 ft (183 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 21.60 ft (6.58 m) above land-surface datum.

DATUM.--Land-surface datum is 8.40 ft (2.56 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.00 ft (6.40 m) NGVD, Aug. 13, 1978 (estimated); lowest, 7.10 ft (2.16 m) NGVD, May 2, 1978.

ELEVATION, IN 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	18.36	16.50	15.42	17.75	19.53	18.52	13.27	10.08	14.66	15.15	15.85	19.69
10	17.66	16.34	16.02	18.44	19.27	19.27	11.35	11.84	14.16	16.18	16.50	19.56
15	17.65	15.64	16.09	18.94	18.56	19.24	10.53	13.98	14.17	16.25	17.64	20.05
20	17.69	14.76	15.39	19.65	17.70	17.38	8.52	14.80	13.43	17.06	17.98	20.29
25	16.59	14.29	15.19	19.60	17.38	16.29	9.14	14.07	14.17	17.92	18.69	20.47
END	16.44	13.78	17.13	20.09	18.20	14.81	9.95	13.38	14.71	17.25	19.07	20.84
MEAN	17.46	15.38	15.63	18.96	18.58	17.72	10.81	12.78	14.05	16.50	17.50	20.06
MAX	18.58	16.66	17.13	20.09	19.80	19.45	14.56	14.82	14.71	17.92	19.07	20.84
MIN	16.07	13.78	13.84	17.46	17.13	14.81	8.30	9.91	13.38	14.84	15.85	19.21
WTR YR 1979	MEAN	16.28	MAX	20.84	SEP 30	MIN	8.30	APR 21				



## MANATEE COUNTY

WELL NUMBER.--272829082220101. Manatee-Schroeder State Highway 64 Deep Well near Verna, FL.

LOCATION.--Lat 27°28'29", long 82°22'01", in NW¼ sec.35, T.35 S., R.19 E., Hydrologic Unit 03100202, 3.7 mi (6.0 km) west of intersection State Highway 675 and State Highway 64, and 8.8 mi (14.2 km) northwest of Verna.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 12 in (30 cm), depth 1,103 ft (336 m), cased to 168 ft (51 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 1.45 ft (0.44 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 66 ft (20 m), from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.40 ft (6.52 m) NGVD, Aug. 13, 14, 1978 (estimated), and Sept. 30, 1979, water level rising; lowest, 1.16 ft (0.35 m) NGVD, Apr. 21, 1979.

ELEVATION\* IN 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	17.20	13.59	11.75	15.97	19.27	16.64	7.85	2.12	10.47	12.74	13.93	19.39
10	15.90	13.52	12.89	17.09	18.75	18.29	5.24	4.93	10.70	14.03	13.46	18.76
15	16.18	12.00	12.93	18.07	17.19	17.22	3.37	8.68	10.50	14.84	15.87	20.09
20	15.63	10.75	11.24	19.01	15.64	14.61	1.36	9.76	10.90	15.89	16.41	19.75
25	14.13	10.49	11.62	19.31	15.54	13.16	2.20	8.59	10.50	17.01	17.64	20.60
DOM	13.88	9.71	14.00	20.09	16.19	10.12	3.12	8.27	11.80	16.36	18.27	21.40
MEAN	15.63	11.94	12.14	17.97	17.37	15.31	4.31	6.76	10.57	14.89	15.80	19.79
MAX	17.54	13.95	14.00	20.09	19.81	18.47	9.80	9.98	11.80	17.01	18.27	21.40
MIN	13.22	9.69	9.56	14.49	14.76	10.12	1.16	1.68	8.95	12.06	13.09	18.47
WTR YR 1979	MEAN	13.53	MAX	21.40	SEP 30	MIN	1.16	APR 21				

WELL NUMBER.--272838082142201. Kibler Deep Well 26B near Bethany, FL.

LOCATION.--Lat 27°28'38", long 82°14'22", in SE¼ sec.31, T.34 S., R.21 E., Hydrologic Unit 03100102, 0.2 mi (0.4 km) north of State Highway 64, and 1.6 mi (2.6 km) east of Bethany.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 8 in (20 cm), depth 1,123 ft (342 m), cased to 208 ft (63 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 101 ft (31 m), from topographic map.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 29.30 ft (8.93 m) NGVD, Aug. 20, 1978 (estimated); lowest, 4.90 ft (1.49 m) NGVD, Apr. 22, 23, 1979 (estimated).

ELEVATION\* IN 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	24.12	18.43	15.71	19.86	23.90	22.50	12.33	5.66	14.71	19.76	22.00	26.22
10	23.09	18.56	15.75	21.34	23.80	23.10	9.20	7.69	15.74	20.77	21.60	26.10
15	22.93	17.09	17.17	22.73	22.90	22.60	7.60	11.05	16.14	21.38	22.60	27.08
20	22.14	15.52	16.60	23.94	22.40	20.81	5.60	12.61	16.75	22.70	23.30	27.57
25	20.85	14.58	16.16	24.72	22.00	19.14	5.17	11.81	17.16	23.50	24.20	28.10
DOM	19.68	14.12	17.98	25.53	21.70	19.73	5.19	12.17	18.53	23.30	25.10	28.89
MEAN	22.31	16.73	16.33	22.64	22.98	21.02	8.24	9.75	16.06	21.63	23.07	27.10
MAX	24.23	19.65	17.98	25.53	24.50	23.20	15.21	12.66	18.53	23.50	25.10	28.89
MIN	19.66	14.03	14.00	18.44	21.20	15.73	4.90	5.35	12.82	18.77	21.50	25.35
WTR YR 1979	MEAN	18.98	MAX	28.89	SEP 30	MIN	4.90	APR 22 AND OTHERS				

NOTE.--Record estimated Feb. 1 to Mar. 16, Apr. 7-24, July 18 to Aug. 26.

## MANATEE COUNTY

WELL NUMBER.--273618082173601. Safford Road Deep Well near Parrish, FL.

LOCATION.--Lat 27°36'18", long 82°17'36", in NE¼SW¼ sec.15, T.33 S., R.20 E., Hydrologic Unit 03100202, 0.4 mi (0.6 km) north of State Highway 62, and 7.4 mi (11.8 km) east of Parrish.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused industrial well, diameter 8 in (20 cm), depth 1,047 ft (319 m), cased to 184 ft (56 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.5 ft (1.1 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 90 ft (27 m), from topographic map.

REMARKS.--Water levels affected by pumping of nearby industrial wells.

PERIOD OF RECORD.--August 1975 to November 1978, discontinued. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 28.95 ft (8.82 m) NGVD, Aug. 21, 1978; lowest, 12.51 ft (3.81 m) below NGVD, Apr. 30, 1976.

ELEVATION, IN 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	22.94	14.33										
10	21.21	14.17										
15	21.36	---										
20	19.66	---										
25	17.69	---										
EOM	16.27	---										
MEAN	20.14	14.37										
MAX	23.04	15.62										
MIN	16.27	13.40										
WTR YR 1979	MEAN	18.34	MAX	23.04	OCT 6	MIN	13.40	NOV 14				

WELL NUMBER.--273718082315401. Willis Well at Piney Point, FL.

LOCATION.--Lat 27°37'18", long 82°31'54", in NE¼SE¼ sec.7, T.33 S., R.18 E., Hydrologic Unit 03100206, 0.4 mi (0.6 km) east of U. S. Highway 41, and 0.8 mi (1.3 km) southeast of Piney Point.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, private, artesian well, diameter 8 in (20 cm), depth 588 ft (179 m), cased to 48 ft (15 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 10.15 ft (3.09 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 11 ft (3.4 m), from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.49 ft (5.94 m) NGVD, Aug. 14, 1978; lowest, 4.30 ft (1.31 m) NGVD, Apr. 23, 24, 1979 (estimated).

ELEVATION, IN 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	14.95	12.50	9.70	14.00	17.60	16.20	7.70	6.82	11.66	11.36	11.76	18.17
10	13.93	12.65	10.20	16.62	16.56	17.50	7.64	9.80	7.65	12.72	14.85	17.91
15	14.99	10.93	11.30	17.32	14.05	17.45	6.12	13.20	9.74	12.91	16.01	18.53
20	13.61	10.59	10.70	18.20	11.67	14.40	4.80	12.91	8.10	15.04	16.42	18.70
25	12.01	8.93	10.60	18.08	13.30	14.20	5.00	10.41	10.41	16.02	17.18	18.93
EOM	13.59	8.00	12.20	18.16	15.70	10.20	7.20	11.10	10.65	12.67	17.49	19.38
MEAN	13.60	10.96	10.56	16.74	14.99	15.29	6.62	10.53	9.77	13.31	15.33	18.51
MAX	15.59	14.02	12.20	18.40	17.70	17.90	9.50	13.31	11.95	16.03	17.49	19.38
MIN	10.06	8.00	8.30	12.50	11.36	10.20	4.30	6.82	7.61	10.04	11.29	17.66
WTR YR 1979	MEAN	13.02	MAX	19.38	SEP 30	MIN	4.30	APR 23	AND OTHERS			

NOTE.--Record estimated Nov. 2-9, Nov. 30 to Jan. 9, Feb. 2-7, Feb. 24 to Mar. 12, Mar. 17 to Apr. 5, Apr. 19 to May 1, May 8-15, May 23-31.

WATER RESOURCES DATA FOR FLORIDA, 1979  
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KEY TO SITE LOCATIONS ON FIGURE 14  
MARION COUNTY

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1	290106082191001	173
2	290215082152401	173
3	290306082232802	174
4	290312082250801	174
5	290514082270701	175

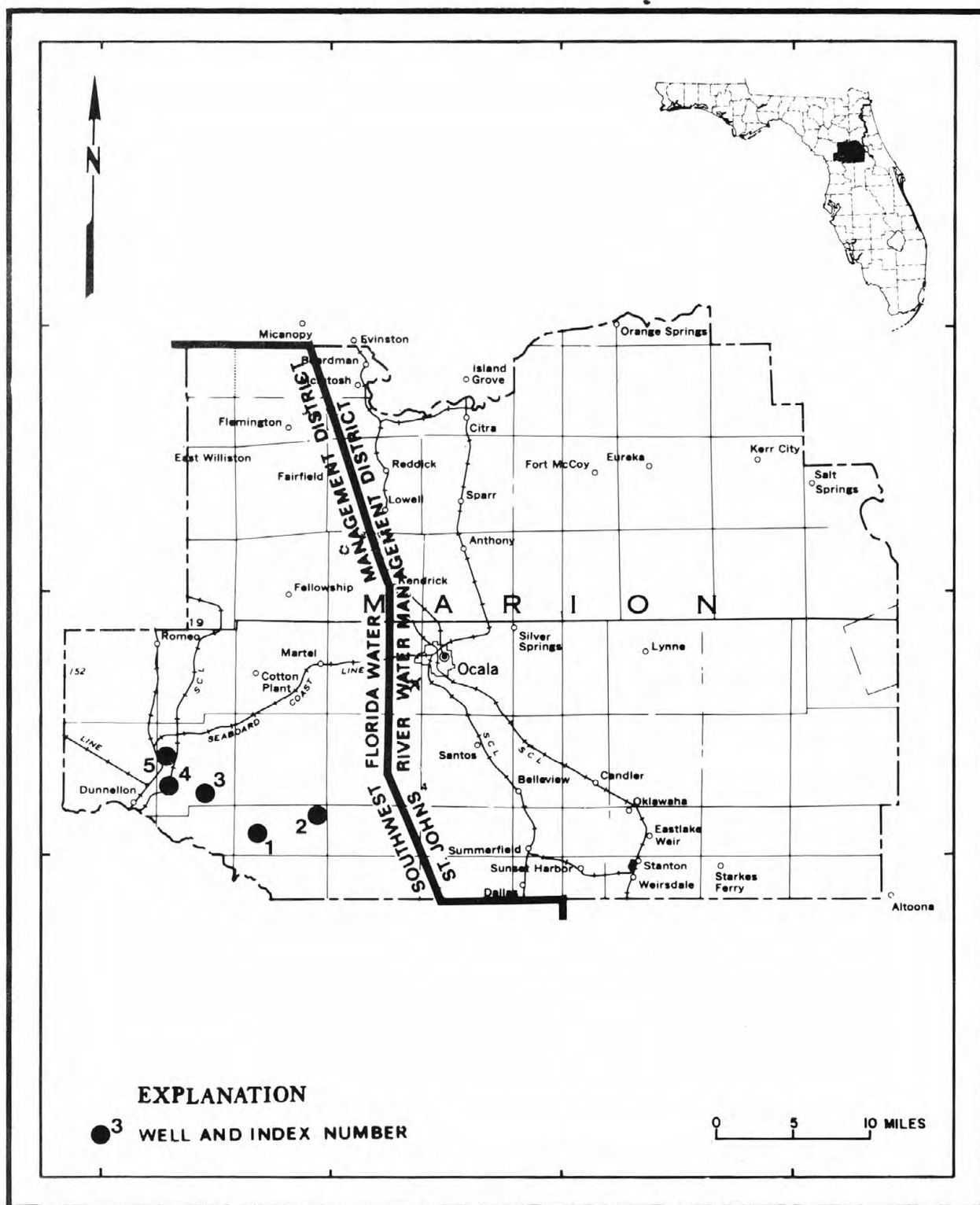


Figure 14. Location of wells in Marion County

## MARION COUNTY

WELL NUMBER.--290106082191001. Local Number CE-23. USGS Observation Well CE 23 near Dunnellon, FL.

LOCATION.--Lat 29°01'06", long 82°19'10", in NE¼NE¼NE¼ sec.17, T.17 S., R.20 E., Hydrologic Unit 03100208, on west side of State Highway 200, 2.8 mi (4.5 km) northeast of Withlacoochee River, and 16.3 mi (26.2 km) southwest of Ocala.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 45 ft (14 m), cased to 19 ft (6 m).

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

DATUM.--Land-surface datum is 62.64 ft (19.09 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1966 to September 1977, October 1977 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 daily maximum water level, 49.54 ft (15.10 m) NGVD, Sept. 7, 1968; lowest measured, 38.35 ft (11.69 m) NGVD, July 12, 1979.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV			MAY		
07...	1345	40.99	08...	1045	39.80
24...	1020	40.51	JUL		
JAN			12...	1025	38.35
03...	1215	39.61	SEP		
24...	1025	39.63	10...	1710	39.70
MAR			19...	0920	39.05
14...	1035	40.61			

WELL NUMBER.--290215082152401. Local Number Marion 902-215-431. Observation Well CE 74 near Ocala, FL.

LOCATION.--Lat 29°02'15", long 82°15'24", in NE¼SW¼SE¼ sec.1, T.17 S., R.20 E., Hydrologic Unit 03100208, 0.25 mi (0.40 km) west of State Highway 484, 2.9 mi (4.7 km) southeast of State Highway 200, and 13 mi (21 km) southwest of Ocala.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, artesian well, diameter 2 in (5 cm), depth 51 ft (16 m), casing length unknown.

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 76.97 ft (23.46 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1964 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, 51.47 ft (15.69 m) NGVD, Dec. 1, 1964; lowest measured, 40.64 ft (12.39 m) NGVD, July 15, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV			JUL		
24...	1630	43.85	12...	1045	43.33
JAN			SEP		
24...	1650	42.68	10...	1720	43.01
MAR			19...	0830	43.03
14...	1645	42.98			
MAY					
08...	1630	43.08			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## MARION COUNTY

WELL NUMBER.--290306082232802. Local Number Marion 903-223-433. Fire Tower Well CE 73 at Dunnellon, FL.

LOCATION.--Lat 29°03'06", long 82°23'28", in SE¼NW¼SE¼ sec.34, T.16 S., R.19 E., Hydrologic Unit 03100208, on south side of State Highway 484, across from Dunnellon Fire Tower, 4.4 mi (7.1 km) east of U.S. Highway 41 in Dunnellon.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 36 ft (11 m), cased to 26 ft (8 m).

INSTRUMENTATION.--Tape measured. Measuring point Hole in cap, 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 65.18 ft (19.87 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1964 to May 1966 (monthly), July 1966 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.51 ft (18.75 m) NGVD, Sept. 21, 1970; lowest measured, 47.91 ft (14.60 m) NGVD, July 15, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV			MAY		
07...	1330	54.02	08...	--	53.42
22...	1620	53.44	08...	1325	53.42
JAN			JUL		
03...	1200	52.33	12...	0915	52.49
23...	0740	53.11	SEP		
MAR			10...	1655	51.04
14...	1620	53.67	17...	1740	51.02

WELL NUMBER.--290312082250801. Local Number CE 14. USGS Observation Well CE 14 near Dunnellon, FL.

LOCATION.--Lat 29°03'12", long 82°25'08", in NW¼NW¼NW¼ sec.32, T.16 S., R.19 E., Hydrologic Unit 03100208, on north side of State Highway 484, 8.3 mi (13.4 km) west of State Highway 200, and 2.7 mi (4.3 km) east of Dunnellon.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 190 ft (58 m), cased to 112 ft (34 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 60.24 ft (18.36 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 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, 50.18 ft (15.29 m) NGVD, Aug. 27, 1970; lowest, 34.81 ft (10.61 m) NGVD, Apr. 5, 1976.

ELEVATION, IN 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	43.01	41.76	40.67	39.48	39.76	39.73	39.60	39.17	40.50	39.89	39.05	38.53
10	42.81	41.57	40.43	39.32	39.86	39.71	39.55	39.24	40.49	39.78	38.95	38.45
15	42.62	41.37	40.26	39.18	39.90	39.69	39.45	39.67	40.40	39.63	38.86	38.40
20	42.42	41.18	40.09	39.18	39.87	39.70	39.35	40.13	40.28	39.50	38.76	38.35
25	42.22	41.03	39.87	39.12	39.89	39.72	39.30	40.36	40.13	39.36	38.68	38.40
EOM	41.97	40.84	39.64	39.52	39.81	39.64	39.20	40.46	40.02	39.19	38.61	40.00
MAX	43.17	41.93	40.81	39.62	39.91	39.80	39.64	40.46	40.50	40.00	39.16	40.00
WTR YR 1979	MEAN	39.97	MAX	43.17	OCT 1	MIN	38.32	SEP 23				



## MARION COUNTY

WELL NUMBER.--290514082270701. Local Number 905-227-01. Rainbow Springs Well near Dunnellon, FL.

LOCATION.--Lat 29°05'14", long 82°27'07", in SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$  sec.13, T.16 S., R.18 E., Hydrologic Unit 03100208, on east side of U.S. Highway 41, 2.8 mi (4.5 km) north of Dunnellon.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 442 ft (135 m), cased to 125 ft (38 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 113.13 ft (34.48 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Well records used to determine flow of Rainbow Springs.

PERIOD OF RECORD.--October 1964 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 mean water level, 36.12 ft (11.01 m) NGVD, Oct. 22, 1964; lowest, 29.88 ft (9.11 m) NGVD, July 3-4, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	31.80	31.50	31.23	30.95	30.88	30.84	30.79	30.71	31.03	31.00	30.85	31.14
10	31.75	31.45	31.17	30.93	30.88	30.84	30.78	30.77	31.01	30.98	30.87	31.17
15	31.72	31.40	31.12	30.92	30.88	30.83	30.76	30.87	31.03	30.91	30.89	31.24
20	31.65	31.34	31.10	30.91	30.85	30.81	30.71	30.89	31.00	30.94	30.93	31.32
25	31.61	31.29	31.06	30.92	30.90	30.83	30.75	30.96	30.99	30.92	30.98	31.54
EOM	31.55	31.24	31.01	30.90	30.86	30.78	30.70	31.00	31.01	30.89	31.06	32.25
MEAN	31.69	31.39	31.12	30.93	30.88	30.82	30.75	30.84	31.01	30.94	30.91	31.35
WTR YR 1979	MEAN	31.06	MAX	32.25	SEP 30	MIN	30.70	APR 30	AND OTHERS			

KEY TO SITE LOCATIONS ON FIGURE 15  
PASCO COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER	INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	281018082095801	178	24	281451082380702	202
2	281022082335101	179	24	281453082380301	203
2	281022082335101	179	24	281453082380302	203
3	281023082075701	180	25	281500082384501	204
3	281023082305702	180	25	281500082384502	204
4	281025082384601	181	26	281504082104801	205
5	281035082305701	182	27	281526082374701	206
5	281035082305702	182	27	281526082374702	206
6	281037082071801	183	28	281532082412301	207
7	281042082304602	183	28	281532082412302	207
8	281046082303102	184	29	281535082241301	208
8	281050082305902	185	29	281535082241302	208
8	281053082310401	186	30	281558082264601	209
8	281053082310402	186	31	281622082241301	209
9	281055082302401	187	32	281636082372001	210
9	281055082302402	187	32	281636082372002	210
9	281101082292501	188	33	281650082244501	211
9	281101082292502	188	33	281650082244502	211
10	281103082322601	189	34	281654082065901	212
10	281104082310502	189	35	281715082164401	213
10	281104082312002	190	35	281715082164402	213
11	281117082291501	190	36	281719082224801	214
12	281118082305902	190	36	281719082224802	214
13	281120082245501	191	37	281746082233701	215
14	281120082302702	192	37	281746082233702	215
15	281124082353001	192	38	281845082224001	216
16	281126082303802	193	38	281845082224002	216
16	281143082304702	194	39	281917082242901	217
16	281143082304703	194	40	281918082264601	217
17	281222082393401	195	40	281918082264602	218
17	281222082393403	195	41	281922082403901	218
18	281419082190601	196	42	281926082212901	219
18	281424082192701	197	42	281926082212903	219
18	281424082192702	197	43	281949082332001	220
19	281427082382801	198	43	281949082332002	220
19	281427082382802	198	44	282009082373801	221
20	281431082371801	199	44	282147082113004	221
20	281431082371802	199	45	282259082104101	222
21	281441082380301	200	46	282540082275701	222
22	281447082371002	200	46	282540082275702	223
23	281448082301801	201	47	282641082112001	223
24	281451082380701	202			

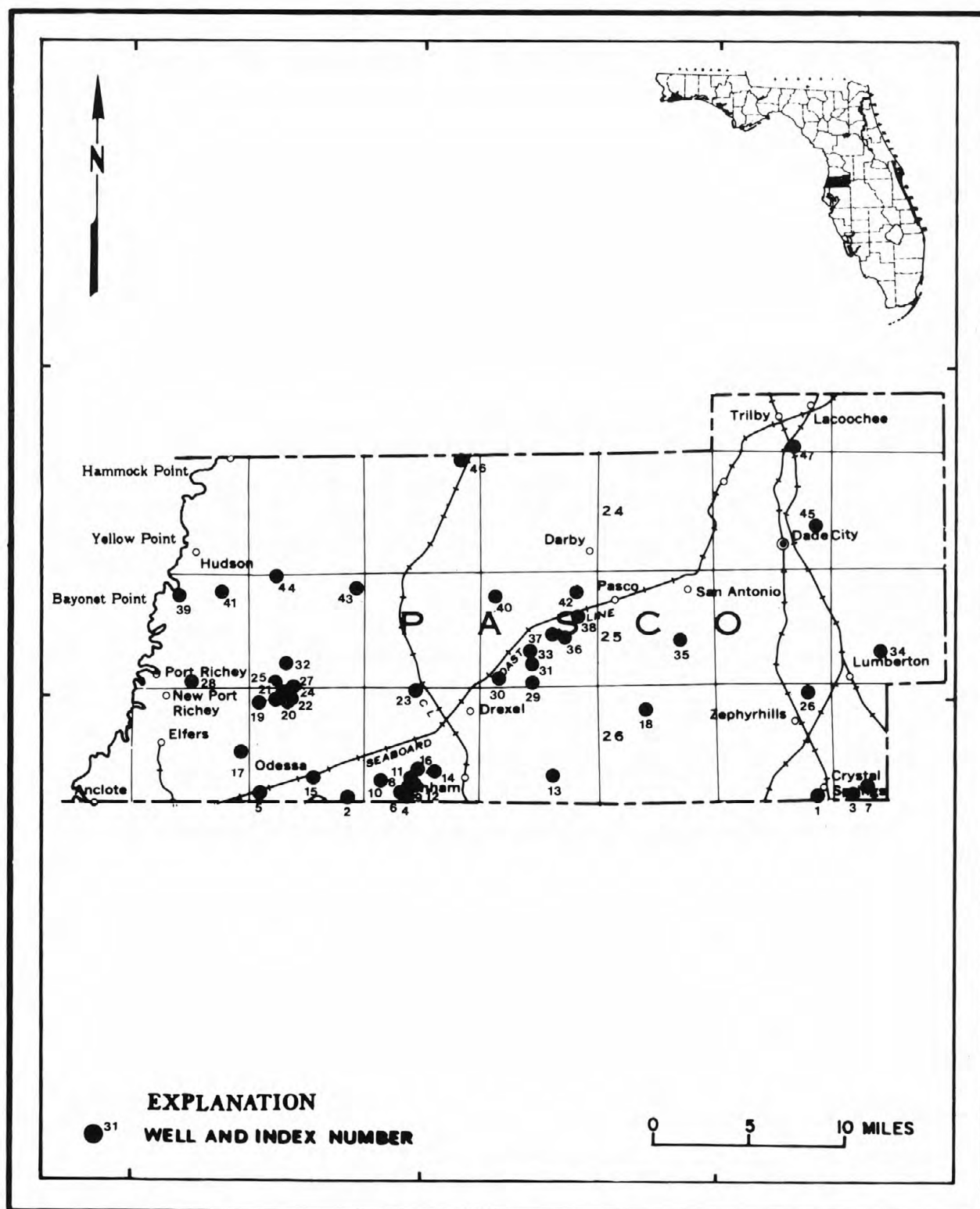


Figure 15. Location of wells in Pasco County

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## PASCO COUNTY

WELL NUMBER.--281018082095801. Lois Carver Well at Crystal Springs, FL.

LOCATION.--Lat 28°10'18", long 82°09'58", in SE¼SW¼ sec.36, T.26 S., R.21 E., Hydrologic Unit 03100205, 30 ft (9 m) north of county line road, 0.6 mi (1.0 km) west of State Highway 39, and 0.8 mi (1.3 km) southwest of Crystal Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused domestic, artesian well, diameter 3 in (8 cm), depth 105 ft (32 m), cased to 60 ft (18 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, at land-surface datum.

DATUM.--Altitude of land-surface datum is 65 ft (20 m), from topographic map.

PERIOD OF RECORD.--May 1973 to September 1977 (semiannual); October 1977 to current year (bimonthly). 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, 62.87 ft (19.16 m) NGVD, Sept. 19, 1979; lowest measured, 56.72 ft (17.29 m) NGVD, May 21, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			JUN , 1979		
06...	1255	57.77	28...	1445	58.80
JAN , 1979			AUG		
02...	1420	58.14	30...	1345	62.04
MAR			SEP		
08...	0720	62.40	19...	1210	62.87
MAY					
01...	1650	58.68			
16...	1615	61.40			

## PASCO COUNTY

WELL NUMBER.--281022082335101. Pasco Deep Well 305 near Odessa, FL.

LOCATION.--Lat 28°10'22", long 82°33'51", in SW¼SW¼ sec.36, T.26 S., R.17 E., Hydrologic Unit 03100206, on north side of County Line Road, 0.9 mi (1.4 km) north of Lutz-Lake Fern Road, and 2.1 mi (3.4 km) southeast of Odessa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 39 ft (12 m), cased to 37 ft (11 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 0.50 ft (0.15 m) above land-surface datum.

DATUM.--Land-surface datum is 64.88 ft (19.78 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation and public supply wells.

PERIOD OF RECORD.--November 1969 to current year (monthly). 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, 62.41 ft (19.02 m) NGVD, July 31, 1974; lowest measured, 55.62 ft (16.95 m) NGVD, June 10, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
02...	1411	58.80	15...	1531	60.96
27...	1340	58.07	30...	1405	60.42
DEC			JUN		
21...	1220	57.88	25...	1450	58.97
FEB , 1979			JUL		
08...	1100	60.36	25...	1427	60.01
27...	1347	60.79	SEP		
APR			04...	1517	62.35
04...	1138	59.63	18...	1700	62.14
30...	1400	58.52			

WELL NUMBER.--281022082335102. Pasco Shallow Well 305 near Odessa, FL.

LOCATION.--Lat 28°10'22", long 82°33'51", in SW¼SW¼ sec.36, T.26 S., R.17 E., Hydrologic Unit 03100206, on north side of County Line Road, 0.9 mi (1.4 km) north of Lutz-Lake Fern Road, and 2.1 mi (3.4 km) southeast of Odessa.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 10 ft (3 m), cased to 9 ft (3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 0.80 ft (0.24 m) above land-surface datum.

DATUM.--Land-surface datum is 64.69 ft (19.72 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 1969 to current year (monthly). 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, 64.41 ft (19.63 m) NGVD, July 31, 1974; lowest measured, 57.72 ft (17.59 m) NGVD, May 13, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
02...	1414	60.18	15...	1534	62.22
27...	1342	59.52	30...	1410	61.70
DEC			JUN		
21...	1222	59.12	25...	1455	60.67
FEB , 1979			JUL		
08...	1103	61.44	25...	1429	61.23
27...	1348	61.89	SEP		
APR			04...	1520	63.41
04...	1140	60.98	18...	1700	63.11
30...	1402	60.09			

## PASCO COUNTY

WELL NUMBER.--281023082075701. Weicht Deep Well near Crystal Springs, FL.

LOCATION.--Lat 28°10'23", long 82°07'57", in SE $\frac{1}{4}$ SW $\frac{1}{4}$  sec.32, T.26 S., R.22 E., Hydrologic Unit 03100205, 1.5 mi (2.4 km) east of State Highway 39, and 1.8 mi (2.9 km) southeast of Crystal Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, domestic, artesian well, diameter 3 in (8 cm), depth 100 ft (30 m), cased to 60 ft (18 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.0 ft (0.3 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 90 ft (27 m), from topographic map.

PERIOD OF RECORD.--May 1973 to September 1977 (semiannually); October 1977 to current year (bimonthly). 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, 83.78 ft (25.54 m) NGVD, Sept. 19, 1973; lowest measured, 74.75 ft (22.78 m) NGVD, May 9, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
JAN , 1979			JUN , 1979		
02...	1440	75.00	28...	1515	75.93
MAR			AUG		
08...	0830	81.47	30...	1303	81.30
MAY			SEP		
01...	1040	77.08	19...	1225	83.41
16...	1620	79.73			

WELL NUMBER.--281023082305702. St. Petersburg Shallow Well 41 near Land O'Lakes, FL.

LOCATION.--Lat 28°10'23", long 82°30'57", in SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec.33, T.26 S., R.18 E., Hydrologic Unit 03100207, in St. Petersburg-Pasco Well Field, 1.2 mi (1.9 km) north of Lutz-Lake Fern Road, and 5.1 mi (8.2 km) southwest of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.5 in (4 cm), depth 19 ft (6 m), cased to 17 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 57.58 ft (17.55 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records furnished by city of St. Petersburg.

PERIOD OF RECORD.--May 1972 to current year (monthly). 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, 59.06 ft (18.00 m) NGVD, Sept. 18, 1979; lowest measured, 53.90 ft (16.43 m) NGVD, May 12, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1334	55.53	01...	1015	55.27
NOV			15...	1025	58.73
09...	1130	54.73	16...	1450	58.80
21...	0740	54.46	31...	0820	58.49
28...	1115	54.43	JUL		
DEC			02...	1350	57.59
27...	1010	54.60	23...	1131	57.98
FEB , 1979			AUG		
05...	1040	57.99	29...	0910	58.91
20...	1320	57.15	SEP		
27...	1035	58.49	18...	1055	59.06
APR					
04...	0830	56.60			



## PASCO COUNTY

WELL NUMBER.--281025082384601. Eldridge-Wilde Mitchell Well near Tarpon Springs, FL.

LOCATION.--Lat 28°10'25", long 82°38'46", in SW¼SW¼ sec.31, T.26 S., R.17 E., Hydrologic Unit 03100207, 2.1 mi (3.4 km) north of State Highway 582, and 7.0 mi (11.3 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused artesian well, diameter 10 in (25 cm), depth 608 ft (185 m), cased to 42 ft (13 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of extension, 1.76 ft (0.54 m) above land-surface datum.

DATUM.--Land-surface datum is 36.42 ft (11.10 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--November 1972 to July 1974, incomplete; December 1974 to September 1975 (quarterly), incomplete; October 1975 to June 1977 (monthly); July 1977 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, 24.77 ft (7.55 m) NGVD, Sept. 30, 1979, water level rising; lowest, 6.71 ft (2.04 m) NGVD, Apr. 30, 1974.

ELEVATION, IN 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	16.73	13.89	14.67	17.78	18.20	20.72	14.62	9.06	14.22	12.13	11.60	22.62
10	16.04	13.07	15.95	18.12	20.59	18.43	10.80	17.64	12.39	13.43	17.51	21.29
15	22.63	11.52	16.65	20.19	13.80	17.83	9.95	21.06	15.51	13.15	20.05	20.42
20	15.30	11.25	14.66	20.31	15.68	13.22	8.45	13.91	10.71	14.15	18.83	18.72
25	14.92	15.26	16.95	21.12	19.87	18.01	15.02	21.50	9.97	18.23	21.47	20.43
EOM	18.52	11.78	17.49	20.59	21.01	13.03	12.21	20.00	12.31	10.24	22.66	24.77
MEAN	16.87	13.41	16.28	19.77	18.05	17.42	11.70	17.59	13.00	13.49	17.95	21.04
MAX	22.63	18.65	18.48	21.90	21.09	21.21	15.22	22.01	20.03	18.23	22.66	24.77
MIN	13.39	10.58	14.04	17.35	12.76	13.03	8.45	9.06	9.37	9.51	9.86	17.19
WTR YR 1979	MEAN	16.38	MAX	24.77	SEP 30	MIN	8.45	APR 20				

## PASCO COUNTY

WELL NUMBER.--281035082305701. St. Petersburg Well 42 near Land O'Lakes, FL.

LOCATION.--Lat 28°10'35", long 82°30'57", in NW¼SW¼ sec.33, T.26 S., R.18 E., Hydrologic Unit 03100207, in St. Petersburg-Pasco Well Field, 1.4 mi (2.3 km) north of Lutz-Lake Fern Road, and 5.5 mi (8.8 km) southwest of Land O'Lakes.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 24 in (61 cm), depth 398 ft (121 m), cased to 70 ft (21 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of metal plate below shelter floor, 1.50 ft (0.46 m) corrected, above land-surface datum.

DATUM.--Land-surface datum is 58.61 ft (17.86 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--January 1973 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, 53.40 ft (16.28 m) NGVD, June 12, 1976; lowest, 32.56 ft (9.92 m) NGVD, May 9, 1975.

ELEVATION, IN 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	45.61	44.92	45.54	46.62	48.43	47.57	44.83	44.16	49.18	45.00	46.17	48.26
10	46.89	44.70	45.34	46.74	48.34	48.15	44.01	47.74	46.32	45.89	46.62	48.01
15	46.72	44.48	45.22	47.27	48.40	47.87	41.92	49.92	45.87	45.76	48.33	48.48
20	46.85	45.50	44.79	47.24	48.18	48.35	38.40	49.78	42.30	46.21	47.43	48.24
25	46.57	45.32	44.66	47.21	48.51	46.78	40.67	49.49	43.73	46.64	47.98	48.23
DOM	45.18	44.49	45.81	48.56	48.93	46.06	44.02	49.35	45.30	46.37	48.34	48.71
MEAN	46.11	44.85	45.15	47.13	48.41	47.56	42.18	48.12	45.82	45.90	47.52	48.26
MAX	46.89	45.50	45.81	48.56	48.93	48.93	45.98	50.12	49.37	46.78	48.95	48.71
MIN	42.69	44.17	44.61	46.44	48.13	46.06	37.55	44.16	41.66	44.92	45.90	47.46
WTR YR 1979	MEAN	46.41	MAX	50.12	MAY 17	MIN	37.55	APR 23				

WELL NUMBER.--281035082305702. St. Petersburg Shallow Well 42 near Land O'Lakes, FL.

LOCATION.--Lat 28°10'35", long 82°30'57", in NW¼SW¼ sec.33, T.26 S., R.18 E., Hydrologic Unit 03100207, in St. Petersburg-Pasco Well Field, 1.4 mi (2.3 km) north of Lutz-Lake Fern Road, and 5.5 mi (8.8 km) southwest of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.5 in (4 cm), depth 22 ft (7 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.80 ft (0.55 m) above land-surface datum.

DATUM.--Land-surface datum is 58.77 ft (17.91 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1972 to current year (monthly). 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, 58.75 ft (17.91 m) NGVD, Sept. 18, 1979; lowest measured, 53.02 ft (16.16 m) NGVD, May 12, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1340	55.48	01...	1030	55.23
NOV			15...	1040	58.38
09...	1125	54.49	31...	0825	57.76
28...	1120	54.05	JUL		
DEC			02...	1400	56.77
27...	1130	54.42	23...	1135	57.13
FEB , 1979			AUG		
05...	1045	57.30	29...	0914	58.60
27...	1040	57.65	SEP		
APR			18...	1110	58.75
04...	0405	56.69			

## PASCO COUNTY

WELL NUMBER.--281037082071801. J. Alston Well near Crystal Springs, FL.

LOCATION.--Lat 28°10'37", long 82°07'18", in NW¼SW¼ sec.33, T.26 S., R.22 E., Hydrologic Unit 03100205, 2.3 mi (3.7 km) east of State Highway 39, and 2.3 mi (3.7 km) east of Crystal Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused domestic, artesian well, diameter 2 in (5 cm), depth 55 ft (17 m), cased to 47 ft (14 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.50 ft (0.15 m) above land-surface datum.

DATUM.--Land-surface datum is 94.00 ft (28.65 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby industrial wells.

PERIOD OF RECORD.--September 1962 to current year (bimonthly), incomplete. 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, 91.33 ft (27.84 m) NGVD, Sept. 24, 1962; lowest measured, 81.12 ft (24.73 m) NGVD, July 5, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			JUN , 1979		
06...	1445	83.45	28...	1525	84.45
JAN , 1979			AUG		
02...	1440	82.83	30...	1330	88.47
MAR			SEP		
08...	0840	89.06	19...	1220	89.96
MAY					
01...	1635	84.69			
16...	1630	87.95			

WELL NUMBER.--281042082304602. St. Petersburg Shallow Well 43 near Land O'Lakes, FL.

LOCATION.--Lat 28°10'42", long 82°30'46", in SW¼NW¼ sec.33, T.26 S., R.18 E., Hydrologic Unit 03100207, in St. Petersburg-Pasco Well Field, 1.2 mi (1.9 km) south of State Highway 54, and 4.7 mi (7.6 km) southwest of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.5 in (4 cm), depth 22 ft (7 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.90 ft (0.27 m) above land-surface datum.

DATUM.--Land-surface datum is 60.22 ft (18.36 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records furnished by city of St. Petersburg.

PERIOD OF RECORD.--May, September 1972; January 1973 to current year (monthly). 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, 59.04 ft (18.00 m) NGVD, May 16, 1979; lowest measured, 51.72 ft (15.76 m) NGVD, May 16, 1972.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1345	56.00	01...	1040	56.04
NOV			15...	1053	58.87
09...	1100	54.99	16...	1500	59.04
21...	0840	54.66	31...	0840	58.58
28...	1130	56.46	JUL		
DEC			03...	0805	57.48
27...	1015	54.70	23...	1141	57.57
FEB , 1979			AUG		
05...	1100	57.83	29...	0919	58.82
20...	1330	57.53	SEP		
27...	1045	58.39	18...	1122	58.96
APR					
04...	0920	57.39			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## PASCO COUNTY

WELL NUMBER.--281046082303102. St. Petersburg Shallow Well 44 near Land O'Lakes, FL.

LOCATION.--Lat 28°10'46", long 82°30'31", in SW¼NE¼ sec.33, T.26 S., R.18 E., Hydrologic Unit 03100207, in St. Petersburg-Pasco Well Field, 1.1 mi (1.8 km) south of State Highway 54, and 4.2 mi (6.8 km) southwest of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.5 in (4 cm), depth 22.2 ft (6.8 m), cased to 21.2 ft (6.4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.36 ft (0.41 m) above land-surface datum. Prior to July 11, 1975, top of casing, 0.80 ft (0.24 m) above land-surface datum.

DATUM.--Land-surface datum is 61.08 ft (18.62 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records furnished by city of St. Petersburg.

PERIOD OF RECORD.--May 1972 to current year (monthly). 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, 59.82 ft (18.23 m) NGVD, Aug. 29, 1979; lowest measured, 52.35 ft (15.96 m) NGVD, June 10, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT. 1978			MAY 1979		
12...	1350	56.27	01...	1050	56.19
NOV			15...	1115	59.64
09...	1105	55.49	16...	1305	59.75
21...	0545	54.52	31...	0846	59.24
24...	1140	54.90	JUL		
DEC			03...	0820	57.60
27...	1020	54.74	23...	1146	57.62
FEB 1979			AUG		
05...	1105	57.79	29...	0925	59.82
20...	1335	56.95	SEP		
27...	1050	59.05	18...	1144	59.56
APR					
04...	0925	57.67			

## PASCO COUNTY

WELL NUMBER.--281050082305902. St. Petersburg Shallow Well 46 near Land O'Lakes, FL.

LOCATION.--Lat 28°10'50", long 82°30'59", in SW¼NW¼ sec.33, T.26 S., R.18 E., Hydrologic Unit 03100207, in St. Petersburg-Pasco Well Field, 1.0 mi (1.6 km) south of State Highway 54, and 4.7 mi (7.6 km) southwest of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.5 in (4 cm), depth 22 ft (7 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.40 ft (0.43 m) above land surface datum.

DATUM.--Land-surface datum is 59.27 ft (18.06 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records furnished by city of St. Petersburg.

PERIOD OF RECORD.--May 1972 to January 1974 (bimonthly); March 1974 to current year (monthly). 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, 59.19 ft (18.04 m) NGVD, Sept. 18, 1979; lowest measured, 53.31 ft (16.25 m) NGVD, July 7, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1435	56.21	01...	1225	55.39
NOV			15...	1305	59.04
09...	1040	55.13	16...	1515	58.70
21...	0825	54.77	31...	0905	58.53
28...	1320	54.60	JUL		
DEC			03...	0910	57.40
27...	1125	55.04	23...	1227	57.34
FEB , 1979			AUG		
05...	1155	57.41	29...	1103	59.12
20...	1345	57.02	SEP		
27...	1155	57.88	18...	1647	59.19
APR					
04...	1020	56.98			

## PASCO COUNTY

WELL NUMBER.--281053082310401. St. Petersburg Deep Well 105 near Land O'Lakes, FL.

LOCATION.--Lat 28°10'53", long 82°31'04", in SW¼NW¼ sec.33, T.26 S., R.18 E., Hydrologic Unit 03100207, 1.2 mi (1.9 km) south of State Highway 54, and 3.2 mi (5.2 km) west of Land O'Lakes.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 1,360 ft (414 m), cased to 1,012 ft (308 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.60 ft (1.10 m) above land-surface datum.

DATUM.--Land-surface datum is 58.45 ft (17.82 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--January 1973 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, 52.10 ft (15.88 m) NGVD, Feb. 10, 1973; lowest, 32.76 ft (9.99 m) NGVD, May 9, 1975.

ELEVATION, IN 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	42.64	43.47	43.62	44.73	46.56	46.26	43.51	42.78	47.52	43.97	44.10	46.73
10	44.65	43.29	43.57	44.86	46.45	46.79	42.74	46.13	45.16	44.42	45.04	46.47
15	44.44	43.10	43.35	45.33	46.50	46.56	40.68	47.85	44.65	43.75	46.69	46.90
20	44.78	43.04	42.85	45.51	46.00	46.65	37.63	48.13	41.40	44.15	46.35	46.78
25	44.56	42.96	42.66	45.80	46.29	45.14	38.85	47.78	42.37	44.65	46.75	46.87
EOM	43.76	42.51	44.27	46.65	46.75	44.50	41.34	47.65	43.67	44.53	46.72	47.34
MEAN	43.96	43.12	43.28	45.34	46.39	46.07	40.84	46.44	44.46	44.20	45.88	46.79
MAX	44.94	43.69	44.27	46.65	46.75	46.84	44.42	48.27	47.69	44.81	46.75	47.34
MIN	40.52	42.29	42.49	44.47	45.98	44.50	36.55	42.78	39.97	43.28	44.04	46.47
WTR YR 1979	MEAN	44.73	MAX	48.27	MAY 17	MIN	36.55	APR 23				

WELL NUMBER.--281053082310402. St. Petersburg Shallow Well 105 near Land O'Lakes, FL.

LOCATION.--Lat 28°10'53", long 82°31'04", in SW¼NW¼ sec.33, T.26 S., R.18 E., Hydrologic Unit 03100207, 1.2 mi (1.9 km) south of State Highway 54, and 3.2 mi (5.2 km) west of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

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 recorder shelter floor, 3.20 ft (0.98 m) above land-surface datum.

DATUM.--Land-surface datum is 57.82 ft (17.62 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1973 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, 59.18 ft (18.04 m) NGVD, Sept. 24, 26, 27, 1979; lowest, 52.23 ft (15.92 m) NGVD, May 27, 1975.

ELEVATION, IN 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	56.69	54.97	54.76	56.14	57.20	57.42	56.78	54.82	57.96	57.21	57.62	58.68
10	56.09	54.80	54.54	56.22	57.02	57.42	56.34	58.77	57.60	57.19	57.54	58.35
15	56.39	54.58	54.24	56.99	56.86	57.25	55.98	58.76	57.40	57.65	58.15	58.90
20	55.76	54.41	54.06	57.01	56.71	57.14	55.39	58.40	57.00	57.66	58.51	58.74
25	55.42	54.30	54.43	57.42	57.88	57.33	55.78	58.40	56.83	57.83	59.02	59.17
EOM	55.43	54.16	55.44	57.25	57.31	56.87	55.02	58.22	57.47	56.97	58.85	59.11
MEAN	56.00	54.61	54.55	56.88	57.12	57.28	55.93	57.57	57.49	57.38	58.21	58.79
MAX	56.96	55.28	55.77	57.71	57.88	57.91	56.84	58.78	58.17	57.84	59.02	59.18
MIN	55.30	54.16	54.02	55.38	56.71	56.87	55.02	54.69	56.83	56.97	56.90	58.35
WTR YR 1979	MEAN	56.82	MAX	59.18	SEP 24 AND OTHERS	MIN	54.02	DEC 23				



## PASCO COUNTY

WELL NUMBER.--281055082302401. St. Petersburg Well 45 near Land O'Lakes, FL.

LOCATION.--Lat 28°10'55", long 82°30'24", in SW¼NE¼ sec.33, T.26 S., R.18 E., Hydrologic Unit 03100207, in St. Petersburg-Pasco Well Field, 0.8 mi (1.3 km) south of State Highway 54, and 3.9 mi (6.3 km) southwest of Land O'Lakes.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 24 in (61 cm), depth 707 ft (216 m), cased to 59 ft (18 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of metal plate below shelter floor, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 61.10 ft (18.62 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--March 1973 to current year, incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey.

REVISED RECORDS.--WDR FL-76-3: 1975.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 56.10 ft (17.10 m) NGVD, Mar. 31, 1973; lowest, 39.68 ft (12.09 m) NGVD, May 9, 1975.

ELEVATION, IN 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	49.50	49.80	49.40	51.01	51.04	52.14	50.30	48.87	52.90	50.01	49.84	52.54
10	50.64	49.59	49.13	51.24	50.99	52.91	49.62	52.67	50.76	49.57	51.31	52.37
15	50.47	49.40	49.07	51.86	50.98	52.71	47.92	53.46	50.32	49.44	52.56	52.94
20	49.95	49.27	49.48	51.91	51.55	51.83	45.13	53.49	47.40	49.89	52.84	52.70
25	49.65	48.94	49.43	52.21	51.94	50.31	46.16	53.36	48.23	50.40	53.39	53.22
LOM	50.04	48.55	49.69	51.20	52.33	49.64	47.91	53.13	49.95	50.12	53.18	53.68
MEAN	49.78	49.34	49.31	51.54	51.37	51.70	47.81	52.20	50.27	49.94	52.06	52.83
MAX	50.64	49.98	49.72	52.42	52.33	52.95	50.40	53.63	53.13	50.52	53.39	53.68
MIN	47.65	48.55	48.65	49.54	50.97	49.64	44.44	48.87	46.60	49.15	49.56	52.37
WTR YR 1979	MEAN	50.68	MAX	53.68	SEP 30	MIN	44.44	APR 23				

WELL NUMBER.--281055082302402. St. Petersburg Shallow Well 45 near Land O'Lakes, FL.

LOCATION.--Lat 28°10'55", long 82°30'24", in SW¼NE¼ sec.33, T.26 S., R.18 E., Hydrologic Unit 03100207, in St. Petersburg-Pasco Well Field, 0.8 mi (1.3 km) south of State Highway 54, and 3.9 mi (6.3 km) southwest of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 19.5 ft (5.9 m), cased to 17.5 ft (5.3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 61.15 ft (18.64 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1973 to current year (monthly). Records of water levels prior to January 1974 are in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 59.87 ft (18.25 m) NGVD, July 31, 1974; lowest measured, 53.03 ft (16.16 m) NGVD, Apr. 24, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEVATION (FT. NGVD) (72020)	DATE	TIME	ELEVATION (FT. NGVD) (72020)
OCT			MAY		
12...	1355	56.29	01...	1100	56.10
NOV			15...	1130	59.82
09...	1110	55.36	31...	0848	59.05
28...	1150	54.87	JUL		
DEC			02...	1420	57.74
27...	1030	54.50	23...	1152	57.60
FEB			AUG		
05...	1110	57.54	29...	0930	59.31
27...	1100	58.60	SEP		
APR			18...	1205	59.75
04...	0930	58.49			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## PASCO COUNTY

WELL NUMBER.--281101082292501. Harry Matts Deep Well near Land O'Lakes, FL.

LOCATION.--Lat 28°11'01", long 82°29'25", in NW¼NE¼ sec.34, T.26 S., R.18 E., Hydrologic Unit 03100207, 1.5 mi (2.4 km) west of U. S. Highway 41, and 3.2 mi (5.1 km) southwest of Land O'Lakes.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 60 ft (18 m), cased to 59 ft (18 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 1.5 ft (0.5 m) above land-surface datum.

DATUM.--Land-surface datum is 68.03 ft (20.74 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1972 to September 1976 (semiannually); October 1976 to September 1977 (bimonthly); October 1977 to September 1978 (monthly); October 1978 to September 1979 (bimonthly). 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, 61.31 ft (18.69 m) NGVD, Sept. 19, 1979; lowest measured, 54.41 ft (16.58 m) NGVD, May 13, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
11...	1430	58.90	01...	1330	58.62
NOV			15...	1705	60.75
28...	1415	58.53	31...	1200	60.65
FEB , 1979			JUL		
05...	1450	58.69	23...	1030	60.01
APR			SEP		
04...	1440	59.09	19...	1215	61.31

WELL NUMBER.--281101082292502. Harry Matts Shallow Well near Land O'Lakes, FL.

LOCATION.--Lat 28°11'01", long 82°29'25", in NW¼NE¼ sec.34, T.26 S., R.18 E., Hydrologic Unit 03100207, 1.5 mi (2.4 km) west of U. S. Highway 41, and 3.2 mi (5.1 km) southwest of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 10.4 ft (3.2 m), cased to 8 ft (2 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 1.5 ft (0.5 m) above land-surface datum.

DATUM.--Land-surface datum is 68.09 ft (20.75 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1972 to September 1976 (semiannually); October 1976 to current year (bimonthly). 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, 65.45 ft (19.95 m) NGVD, Sept. 19, 1979; well observed dry at times some years.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
11...	1428	61.85	01...	1350	60.80
NOV			15...	1700	65.21
28...	1410	60.71	31...	1150	64.62
FEB , 1979			JUL		
05...	1445	61.68	23...	1026	63.37
APR			SEP		
04...	1435	61.62	19...	1210	65.45

## PASCO COUNTY

WELL NUMBER.--281103082322601. Doyles Ranch Deep Well near Odessa, FL.

LOCATION.--Lat 28°11'03", long 82°32'26", in NW¼NE¼ sec.31, T.26 S., R.18 E., Hydrologic Unit 03100207, 0.5 mi (0.8 km) south of State Highway 54, and 3.2 mi (5.2 km) east of Odessa.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused private, artesian well, diameter 4 in (10 cm), depth 438 ft (134 m), cased to 38 ft (12 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 1.21 ft (0.37 m) above land-surface datum. Prior to Oct. 1, 1977, top of 4 in (10 cm) casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 56.50 ft (17.22 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--November 1969 to current year, incomplete. 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, 50.23 ft (15.31 m) NGVD, Jan. 15, 1970; lowest, 37.70 ft (11.49 m) NGVD, June 27, 1977 (estimated).

ELEVATION, IN 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	44.46	44.28	44.14	45.95	47.38	47.19	44.83	43.39	47.14	45.00	45.37	44.95
10	45.31	44.07	44.40	45.73	47.32	47.86	44.04	47.16	46.42	45.88	47.19	48.50
15	45.15	43.88	44.26	46.37	47.26	47.58	43.22	48.48	45.92	45.92	48.58	49.07
20	45.60	43.55	43.62	46.95	46.47	47.19	41.99	48.18	44.22	46.14	48.64	48.87
25	45.18	43.15	43.50	47.30	46.88	46.76	41.96	47.69	44.62	46.34	48.63	49.21
DOM	44.90	42.82	45.27	47.50	47.26	46.05	43.03	47.51	44.90	45.74	48.87	49.26
MEAN	45.07	43.74	44.06	46.54	47.08	47.18	43.36	46.81	45.71	45.77	47.77	48.96
MAX	45.65	44.80	45.27	47.50	47.48	47.91	45.92	48.71	47.48	46.36	48.87	49.38
MIN	44.17	42.68	42.90	45.45	46.38	46.05	41.06	43.39	43.77	44.95	45.24	48.49
WTR YR 1979	MEAN	46.00	MAX	49.38	SEP 26	MIN	41.06	APR 23				

WELL NUMBER.--281104082310502. St. Petersburg Shallow Well 47 near Land O'Lakes, FL.

LOCATION.--Lat 28°11'04", long 82°31'05", in NW¼NW¼ sec.33, T.26 S., R.18 E., Hydrologic Unit 03100207, in St. Petersburg-Pasco Well Field, 0.7 mi (1.1 km) south of State Highway 54, and 3.8 mi (6.1 km) southwest of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.5 in (4 cm), depth 21.1 ft (6.4 m), cased to 19.1 ft (5.8 m).

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

DATUM.--Land-surface datum is 59.36 ft (18.09 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records furnished by city of St. Petersburg.

PERIOD OF RECORD.--May, September 1972; January 1973 to current year (monthly). 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, 59.15 ft (18.03 m) NGVD, Aug. 5, 1976, Sept. 18, 1979; lowest measured, 49.52 ft (15.09 m) NGVD, July 7, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEVATION (FT. NGVD) (72020)	DATE	TIME	ELEVATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1422	55.52	01...	1200	54.56
NOV			15...	1355	59.00
09...	1020	54.42	16...	1530	59.02
21...	0810	53.92	31...	1000	58.37
28...	1230	53.68	JUL		
DEC			03...	0905	57.13
27...	1120	53.13	23...	1215	56.74
FEB , 1979			AUG		
05...	1140	56.63	29...	1051	59.07
20...	1415	56.19	SEP		
27...	1135	57.40	18...	1740	59.15
APR					
04...	1010	56.41			

## PASCO COUNTY

WELL NUMBER.--281104082312002. St. Petersburg Shallow Well 48 near Land O'Lakes, FL.

LOCATION.--Lat 28°11'04", long 82°31'20", in NE¼NW¼ sec.32, T.26 S., R.18 E., Hydrologic Unit 03100207, in St. Petersburg-Pasco Well Field, 0.7 mi (1.1 km) south of State Highway 54, and 3.9 mi (6.3 km) southwest of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 15.6 ft (4.7 m), cased to 13.6 ft (4.1 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 5.40 ft (1.64 m) above land-surface datum. Prior to November 1976, top of casing, 1.60 ft (0.49 m) above land-surface datum.

DATUM.--Land-surface datum is 61.61 ft (18.78 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records furnished by city of St. Petersburg.

PERIOD OF RECORD.--May, September 1972; March 1973 to current year (monthly). 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, 60.77 ft (18.52 m) NGVD, May 16, 1979; lowest measured, 51.82 ft (15.79 m) NGVD, June 10, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1425	58.87	01...	1220	56.10
NOV			15...	1410	59.88
09...	1030	55.74	16...	1535	60.77
21...	0720	55.60	31...	0955	58.91
24...	1222	55.21	JUL		
DEC			03...	0855	57.91
27...	1110	54.64	23...	1219	57.81
FEB , 1979			AUG		
05...	1145	57.37	29...	1040	59.71
20...	1407	58.09	SEP		
27...	1145	58.15	18...	1755	60.03
APR					
04...	1015	57.45			

WELL NUMBER.--281117082291501. Pasco Deep Well 207 near Land O'Lakes, FL.

LOCATION.--Lat 28°11'17", long 82°29'15", in SE¼SE¼ sec.27, T.26 S., R.18 E., Hydrologic Unit 03100207, on Henley Road, 0.6 mi (1.0 km) south of State Highway 54, and 2.9 mi (4.7 km) southwest of Land O'Lakes.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 6 in (15 cm), depth 173 ft (53 m), cased to 72 ft (22 m).

INSTRUMENTATION.--Tape measured. Measuring point: Access hole in pump base, 1.2 ft (0.4 m) above land-surface datum.

DATUM.--Land-surface datum is 70.14 ft (21.38 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation and public supply wells.

PERIOD OF RECORD.--February 1970 to September 1972 (about twice yearly); January 1973 to current year (monthly), incomplete. 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, 63.06 ft (19.22 m) NGVD, Feb. 18, 1970; lowest measured, 52.16 ft (15.90 m) NGVD, May 12, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			JUN , 1979		
11...	1445	58.75	05...	1041	60.30
NOV			AUG		
09...	0920	57.74	03...	1030	58.63
APR , 1979			29...	1305	60.73
19...	1030	56.38	SEP		
MAY			19...	1145	61.20
15...	1645	61.17			

## PASCO COUNTY

WELL NUMBER.--281118082305902. St. Petersburg Shallow Well 49 near Land O'Lakes, FL.

LOCATION.--Lat 28°11'18", long 82°30'59", in SW¼SW¼ sec.28, T.26 S., R.18 E., Hydrologic Unit 03100207, in St. Petersburg-Pasco Well Field, 0.4 mi (0.6 km) south of State Highway 54, and 3.8 mi (6.1 km) southwest of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.5 in (4 cm), depth 22.2 ft (6.8 m), cased to 20.2 ft (6.2 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.50 ft (0.46 m) above land-surface datum.

DATUM.--Land-surface datum is 59.50 ft (18.14 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records furnished by city of St. Petersburg.

PERIOD OF RECORD.--May, September 1972; January 1973 to current year (monthly). 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, 59.34 ft (18.09 m) NGVD, May 15, 1979; lowest measured, 50.40 ft (15.36 m) NGVD, June 10, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT . 1978			MAY . 1979		
12...	1445	55.98	01...	1145	55.14
NOV			15...	1440	59.34
09...	1045	54.98	16...	1545	59.31
21...	0745	54.51	31...	1005	58.78
28...	1218	54.23	JUL		
DEC			03...	0845	57.20
27...	1100	53.86	23...	1211	57.09
FEB . 1979			AUG		
05...	1135	56.99	29...	1026	59.20
20...	1430	55.57	SEP		
27...	1125	57.09	18...	1815	59.30
APR					
04...	1002	56.75			

WELL NUMBER.--281120082245501. ROMP Shallow Well 80 near Lutz, FL.

LOCATION.--Lat 28°11'20", long 82°24'55", in SE¼SW¼ sec.28, T.26 S., R.19 E., Hydrologic Unit 03100205, 0.2 mi (0.3 km) north of State Highway 54, and 4.0 mi (6.4 km) northeast of Lutz.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 18.5 ft (5.6 m), cased to 8.5 ft (2.6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.60 ft (1.10 m) above land-surface datum.

DATUM.--Land-surface datum is 80.55 ft (24.55 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 74.30 ft (22.65 m), estimated, NGVD, Sept. 30, 1979, water level rising; lowest, 67.45 ft (20.56 m) NGVD, June 15, 16, 1977.

ELEVATION, IN 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	71.54	70.72	70.03	69.62	71.03	70.73	70.77	69.92	71.91	70.92	70.16	72.73
10	71.39	70.60	69.94	69.73	71.02	71.02	70.56	72.48	71.72	70.76	70.14	72.86
15	71.27	70.47	69.86	70.32	70.93	71.21	70.39	72.55	71.55	70.61	71.13	73.02
20	71.13	70.35	69.76	70.75	70.77	71.25	70.25	72.40	71.37	70.50	71.47	73.50
25	71.00	70.24	69.66	70.84	70.60	71.21	70.14	72.20	71.24	70.38	72.04	73.70
EOM	70.84	70.13	69.59	70.97	70.60	70.98	70.02	72.07	71.09	70.26	72.41	74.30
MEAN	71.24	70.46	69.83	70.29	70.87	71.04	70.42	71.80	71.55	70.62	71.11	73.22
MAX	71.63	70.82	70.10	70.97	71.04	71.25	70.94	72.56	72.04	71.06	72.41	74.30
MIN	70.84	70.13	69.59	69.58	70.58	70.62	70.02	69.88	71.09	70.26	70.13	72.42
WTR YR 1979	MEAN	71.03	MAX	74.30	SEP 30	MIN	69.58	JAN 1	AND OTHERS			



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## PASCO COUNTY

WELL NUMBER.--281120082302702. Pasco Shallow Well 220 near Land O'Lakes, FL.

LOCATION.--Lat 28°11'20", long 82°30'27", in SW¼SE¼ sec.28, T.26 S., R.18 E., Hydrologic Unit 03100207, in St. Petersburg-Pasco Well Field, 0.5 mi (0.8 km) south of State Highway 54, and 3.9 mi (6.3 km) southwest of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 15 ft (5 m), cased to 14 ft (4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 59.65 ft (18.18 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1973 to current year (monthly). 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, 58.82 ft (17.93 m) NGVD, May 15, 1979; lowest measured, 48.03 ft (14.64 m) NGVD, June 10, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1405	53.50	01...	1120	52.64
NOV			15...	1240	58.82
04...	1000	52.64	31...	1015	57.75
28...	1205	52.14	JUL		
DEC			02...	1435	55.35
27...	1040	51.85	23...	1200	54.02
FEB , 1979			AUG		
05...	1126	54.20	29...	0937	58.51
27...	1110	55.01	SEP		
APR			18...	1509	58.81
04...	0950	54.66			

WELL NUMBER.--281124082353001. Swains Well at Odessa, FL.

LOCATION.--Lat 28°11'24", long 82°35'30", in SW¼SE¼ sec.27, T.26 S., R.17 E., Hydrologic Unit 03100207, 0.3 mi (0.5 km) south of Odessa, and 7.7 mi (12.4 km) west of Land O'Lakes.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 6 in (15 cm), depth 316 ft (96 m), cased to 65 ft (20 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.70 ft (1.13 m) above land-surface datum.

DATUM.--Land-surface datum is 50.69 ft (15.45 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--August 1963 to November 1967, incomplete; July 1969 to current year, incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey.

REVISED RECORDS.--WDR FL-76-3: 1975.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 42.08 ft (12.83 m) NGVD, Sept. 30, 1979; lowest, 31.16 ft (9.50 m) NGVD, May 9, 1975.

ELEVATION, IN 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	38.28	36.38	36.36	38.01	39.04	38.70	36.64	34.86	38.93	37.23	36.92	41.27
10	37.99	35.35	36.64	38.05	39.03	39.52	36.07	38.93	38.01	37.99	38.91	40.61
15	38.21	34.95	36.56	38.64	38.84	39.36	36.14	39.87	37.72	37.99	40.32	41.25
20	37.94	35.45	35.66	39.15	38.26	38.49	34.74	39.54	36.92	38.10	40.49	41.01
25	36.77	35.44	36.29	39.22	38.33	38.76	35.42	39.36	36.86	38.14	40.73	41.76
EOM	37.27	34.57	37.51	39.30	38.98	37.82	35.59	39.33	37.27	37.22	41.14	42.08
MEAN	37.77	35.55	36.44	38.67	38.75	38.87	36.00	38.31	37.71	37.75	39.53	41.29
MAX	38.47	37.43	37.51	39.50	39.13	39.54	37.61	39.92	39.35	38.14	41.14	42.08
MIN	36.08	34.46	35.02	37.74	37.97	37.82	34.18	34.16	36.63	37.22	36.70	40.61
WTR YR 1979	MEAN	38.05	MAX	42.08	SEP 30	MIN	34.16	MAY 6				



## PASCO COUNTY

WELL NUMBER.--281126082303802. St. Petersburg Shallow Well 50 near Land O'Lakes, FL.

LOCATION.--Lat 28°11'26", long 82°30'38", in NE¼SW¼ sec.28, T.26 S., R.18 E., Hydrologic Unit 03100207, in St. Petersburg-Pasco Well Field, 0.2 mi (0.3 km) south of State Highway 54, and 6.0 mi (9.7 km) southwest of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.5 in (4 cm), depth 19 ft (6 m), cased to 17 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 59.07 ft (18.00 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records furnished by city of St. Petersburg.

PERIOD OF RECORD.--May 1972 to current year (monthly). 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, 59.74 ft (18.21 m) NGVD, May 16, 1979; lowest measured, 52.24 ft (15.92 m) NGVD, July 7, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
12...	1410	55.69	01...	1135	55.07
NOV			15...	1530	59.09
09...	0950	54.82	16...	1547	59.74
21...	0900	54.47	31...	1010	58.55
28...	1213	54.33	JUL		
DEC			03...	0840	56.71
27...	1055	53.99	23...	1205	56.23
FEB , 1979			AUG		
05...	1130	56.82	29...	0941	59.12
20...	1435	56.28	SEP		
27...	1120	57.80	18...	1847	59.12
APR					
04...	0957	56.43			

## PASCO COUNTY

WELL NUMBER.--281143082304702. State Highway 54 Deep Well near Land O'Lakes, FL.

LOCATION.--Lat 28°11'43", long 82°30'47", in SE¼NW¼ sec.28, T.26 S., R.18 E., Hydrologic Unit 03100207, 25 ft (8 m) north of State Highway 54, and 2.9 mi (4.7 km) west of Land O'Lakes.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 345 ft (105 m), cased to 178 ft (54 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of nipple, 2.50 ft (0.76 m) above land-surface datum. Prior to Oct. 1, 1977, top of recorder shelter floor, 2.64 ft (0.81 m) above land-surface datum.

DATUM.--Land-surface datum is 59.40 ft (18.11 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--January 1965 to current year, incomplete. 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, 57.28 ft (17.46 m) NGVD, Aug. 31, 1967; lowest, 37.35 ft (11.38 m) NGVD, Apr. 25, 1975.

ELEVATION, IN 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	47.89	48.55	47.47	48.99	50.09	50.83	47.92	46.79	50.84	48.56	48.10	51.09
10	49.18	48.38	47.51	49.13	50.03	50.96	47.09	50.67	49.56	47.81	49.09	50.87
15	48.97	48.20	47.70	49.72	50.01	50.60	45.65	51.52	49.08	47.72	50.56	51.42
20	48.83	47.98	47.34	49.65	49.25	49.99	42.90	51.44	45.06	48.23	50.97	51.19
25	48.57	47.26	47.24	50.51	49.63	48.91	43.99	51.27	46.12	48.72	51.56	51.55
EOM	48.82	46.35	49.17	50.25	50.03	48.25	46.29	51.05	48.01	48.48	51.17	52.13
MEAN	48.28	47.90	47.58	49.71	49.81	49.97	45.59	50.25	48.45	48.31	50.14	51.30
MAX	49.19	48.77	49.17	50.71	50.16	51.11	48.18	51.57	51.05	48.87	51.56	52.13
MIN	44.74	46.33	46.51	48.62	49.21	48.25	42.05	46.79	44.17	47.24	47.96	50.87
WTR YR 1979	MEAN	48.94	MAX	52.13	SEP 30	MIN	42.05	APR 23				

WELL NUMBER.--281143082304703. State Highway 54 Shallow Well near Land O'Lakes, FL.

LOCATION.--Lat 28°11'43", long 82°30'47", in SE¼NW¼ sec.28, T.26 S., R.18 E., Hydrologic Unit 03100207, 30 ft (9 m) north of State Highway 54, and 2.9 mi (4.7 km) west of Land O'Lakes.

AQUIFER.--Non-artesian sand aquifer of the Tertiary System, Geologic Unit 111 NRSD (corrected).

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 5 ft (2 m), cased to 3 ft (1 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.99 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 59.54 ft (18.15 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 1965 to December 1973 (bimonthly), incomplete; March 1974 to current year (monthly), incomplete. 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, 59.65 ft (18.18 m) NGVD, Sept. 19, 1979; well observed dry November 1972, May, June 1975, April 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
11...	1712	57.10	01...	1300	56.45
NOV			15...	1605	59.59
09...	0430	56.46	31...	1110	58.91
28...	1335	56.03	JUL		
DEC			03...	1000	56.73
27...	1145	56.66	23...	1011	57.14
FEB , 1979			AUG		
05...	1415	58.29	29...	1239	59.64
27...	1230	58.97	SEP		
APR			19...	1350	59.65
04...	1425	57.51			

## PASCO COUNTY

WELL NUMBER.--281222082393401. Seven Springs Deep Well near Elfers, FL.

LOCATION.--Lat 28°12'22", long 82°39'34", in NE¼SW¼ sec.24, T.26 S., R.16 E., Hydrologic Unit 03100207, 20 ft (6 m) north of State Highway 54, and 4.1 mi (6.6 km) east of Elfers.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 301 ft (92 m), cased to 76 ft (23 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 2.39 ft (0.73 m) above land-surface datum. Prior to July 27, 1976, top of 6 in (15 cm) casing, 2.40 ft (0.73 m) above land-surface datum; July 27, 1976, to June 7, 1977, top of recorder shelter floor, 2.43 ft (0.74 m) above land-surface datum.

DATUM.--Land-surface datum is 34.42 ft (10.49 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--July 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 daily maximum water level, 25.43 ft (7.75 m) NGVD, Sept. 27, 1979; lowest, 14.98 ft (4.57 m) NGVD, May 31, 1974.

ELEVATION, IN 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	20.85	18.58	18.59	20.16	21.36	21.42	19.20	17.60	20.87	18.36	18.27	23.88
10	20.18	18.45	18.45	20.00	21.34	22.22	18.70	23.21	19.99	19.74	20.28	22.91
15	21.24	17.74	18.82	21.54	20.08	21.25	18.19	22.94	20.25	19.50	22.66	24.12
20	20.04	17.75	18.26	21.53	20.36	19.95	17.04	21.53	18.80	19.75	21.78	23.42
25	19.06	17.87	19.09	21.82	21.01	20.65	19.01	22.87	18.90	19.99	22.52	24.59
EOM	19.49	17.44	19.69	21.77	21.84	19.34	18.38	22.38	19.41	18.13	23.91	25.07
MEAN	20.15	18.13	18.76	21.05	20.90	20.88	18.55	21.46	19.90	19.30	21.27	23.98
MAX	21.37	19.51	19.83	22.20	21.84	22.22	19.70	23.30	22.45	19.99	23.91	25.43
MIN	18.89	17.44	17.88	19.67	19.39	19.34	17.04	17.27	18.56	18.13	17.91	22.91
WTR YR 1979	MEAN	20.36	MAX	25.43	SEP 27	MIN	17.04	APR 20				

WELL NUMBER.--281222082393403. Seven Springs Shallow Well near Elfers, FL.

LOCATION.--Lat 28°12'22", long 82°39'34", in NE¼SW¼ sec.24, T.26 S., R.16 E., Hydrologic Unit 03100207, 20 ft (6 m) north of State Highway 54, and 4.1 mi (6.6 km) east of Elfers.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 11 ft (3 m), cased to 9 ft (3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 35.04 ft (10.68 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Prior to November 1972, data collected at adjacent well, diameter 1.25 in (3 cm), depth 5 ft (2 m). Extremes may have been exceeded prior to December 1972.

PERIOD OF RECORD.--July 1968 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, 34.78 ft (10.60 m) NGVD, Jan. 6, 1970; lowest measured, 27.33 ft (8.33 m) NGVD, May 22, 1974.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
28...	1000	29.15	30...	1045	32.44
FEB , 1979			JUL		
05...	1445	29.99	24...	1005	30.74
APR			SEP		
03...	1250	30.80	18...	1005	33.00
MAY					
15...	0940	32.64			

## PASCO COUNTY

WELL NUMBER.--281419082190601. Westley Chapel Deep Well near Zephyrhills, FL.

LOCATION.--Lat 28°14'19", long 82°19'06", in SW¼NW¼ sec.9, T.26 S., R.20 E., Hydrologic Unit 03100207, 600 ft (200 m) south of State Highway 54, 0.4 mi (0.6 km) west of State Highway 577, and 8.3 mi (13.4 km) west of Zephyrhills.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 8 in (20 cm), depth 414 ft (126 m), cased to 78 ft (24 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.80 ft (0.24 m) above land-surface datum. Prior to May 9, 1972, top of access hole in pump base, 0.80 ft (0.24 m) above land-surface datum.

DATUM.--Land-surface datum is 104.77 ft (31.93 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--September 1964 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, 86.46 ft (26.35 m) NGVD, Sept. 16, 1974; lowest measured, 76.02 ft (23.17 m) NGVD, May 13, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV 08...	1410	79.95	APR 23...	1305	79.48
DEC 26...	1632	78.33	JUL 05...	1045	81.73
MAR 09...	1045	82.95	SEP 05...	1450	85.26

## PASCO COUNTY

WELL NUMBER.--281424082192701. ROMP 85 Avon Park Well near Zephyrhills, FL.

LOCATION.--Lat 28°14'24", long 82°19'27", in SE¼NE¼ sec.8, T.26 S., R.20 E., Hydrologic Unit 03100205, 30 ft (9 m) south of State Highway 54, and 9.0 mi (14.5 km) west of Zephyrhills.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 505 ft (154 m), cased to 450 ft (137 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.39 ft (1.03 m) above land-surface datum.

DATUM.--Land-surface datum is 107.94 ft (32.90 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 83.52 ft (25.46 m) NGVD, Sept. 30, 1979; lowest, 75.64 ft (23.06 m) NGVD, Apr. 20, 1979.

ELEVATION, IN FEET NGVD, FEBRUARY TO SEPTEMBER 1979.  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5					---	79.23	78.12	76.11	80.35	78.41	76.92	81.75
10					---	80.00	77.71	79.29	79.58	78.31	77.40	81.65
15					---	80.05	77.18	80.76	78.96	77.90	78.83	81.94
20					---	79.71	75.64	80.73	77.79	77.87	79.52	82.00
25					---	79.75	76.66	80.65	78.48	77.97	81.00	82.81
EOM					79.08	78.73	76.90	80.59	78.62	76.84	81.44	83.52
MEAN					79.08	79.61	77.22	79.41	79.08	77.99	78.94	82.16
MAX					79.08	80.11	78.86	80.81	80.64	78.62	81.44	83.52
MIN					79.08	78.73	75.64	76.11	77.79	76.84	76.74	81.55
WTR YR 1979	MEAN	79.20	MAX	83.52	SEP 30	MIN	75.64	APR 20				

WELL NUMBER.--281424082192702. ROMP 85 Floridan Well near Zephyrhills, FL.

LOCATION.--Lat 28°14'24", long 82°19'27", in SE¼NE¼ sec.8, T.26 S., R.20 E., Hydrologic Unit 03100205, 40 ft (12 m) south of State Highway 54, and 9.0 mi (14.5 km) west of Zephyrhills.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 300 ft (91 m), cased to 160 ft (49 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.53 ft (1.08 m) above land-surface datum.

DATUM.--Land-surface datum is 108.09 ft (32.95 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 84.18 ft (25.66 m) NGVD, Sept. 30, 1979, water level rising; lowest, 76.09 ft (23.19 m) NGVD, Apr. 20, 1979.

ELEVATION, IN FEET NGVD, FEBRUARY TO SEPTEMBER 1979  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5					---	79.89	78.53	76.67	81.00	79.04	77.59	82.44
10					---	80.64	78.43	80.02	80.21	78.95	77.98	82.27
15					---	80.75	77.91	81.43	79.64	78.55	79.44	82.52
20					---	80.40	76.09	81.40	78.49	78.40	80.13	82.61
25					---	80.45	77.30	81.30	79.14	78.59	81.66	83.45
EOM					79.66	79.42	77.52	81.22	79.29	77.43	82.11	84.18
MEAN					79.66	80.27	77.84	80.06	79.74	78.60	79.57	82.79
MAX					79.66	80.80	79.51	81.49	81.29	79.27	82.11	84.18
MIN					79.66	79.42	76.09	76.67	78.49	77.43	77.40	82.18
WTR YR 1979	MEAN	79.83	MAX	84.18	SEP 30	MIN	76.09	APR 20				

## PASCO COUNTY

WELL NUMBER.--281427082382801. Starkey Deep Well 728 near New Port Richey, FL.

LOCATION.--Lat 28°14'27", long 82°38'28", in SW¼NE¼ sec.7, T.26 S., R.17 E., Hydrologic Unit 03100207, in Starkey Well Field, 3.4 mi (5.5 km) north of State Highway 54, and 5.3 mi (8.5 km) east of New Port Richey.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 67 ft (20 m), cased to 62 ft (19 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 3.50 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 35.17 ft (10.72 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--March 1974 to September 1977 (twice monthly); October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.74 ft (9.37 m) NGVD, Sept. 10, 1974; lowest measured, 23.94 ft (7.30 m) NGVD, Dec. 21, 1978.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1455	25.88	15...	1211	28.66
NOV			30...	0800	27.26
02...	1121	25.07	JUN		
28...	1024	24.12	25...	1230	25.75
DEC			JUL		
21...	1010	23.94	24...	1028	24.98
FEB , 1979			SEP		
05...	1135	26.25	04...	1333	29.22
27...	1308	25.85	18...	1231	28.65
APR					
04...	0835	26.24			
30...	1105	25.98			

WELL NUMBER.--281427082382802. Starkey Shallow Well 728 near New Port Richey, FL.

LOCATION.--Lat 28°14'27", long 82°38'28", in SW¼NE¼ sec.7, T.26 S., R.17 E., Hydrologic Unit 03100207, in Starkey Well Field, 3.4 mi (5.5 km) north of State Highway 54, and 5.3 mi (8.5 km) east of New Port Richey.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 18 ft (5 m), cased to 17 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 4.20 ft (1.28 m) above land-surface datum.

DATUM.--Land-surface datum is 35.16 ft (10.72 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1974 to September 1977 (twice monthly), incomplete; October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.34 ft (9.55 m) NGVD, Sept. 10, 1974; lowest measured, 24.35 ft (7.42 m) NGVD, Aug. 2, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1458	27.67	15...	1207	28.51
NOV			30...	0805	28.79
02...	1118	27.05	JUN		
28...	1026	26.29	25...	1235	28.15
DEC			JUL		
21...	1012	25.97	24...	1030	27.22
FEB , 1979			SEP		
05...	1137	27.76	04...	1334	30.76
27...	1312	27.86	18...	1235	29.86
APR					
04...	0837	27.62			
30...	1110	26.85			



## PASCO COUNTY

WELL NUMBER.--281431082371801. Starkey Deep Well 730 near New Port Richey, FL.

LOCATION.--Lat 28°14'31", long 82°37'18", in NW¼NE¼ sec.8, T.26 S., R.17 E., Hydrologic Unit 03100207, in Starkey Well Field, 3.4 mi (5.5 km) north of State Highway 54, and 5.3 mi (8.5 km) east of New Port Richey.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 82 ft (25 m), cased to 77 ft (23 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 36.60 ft (11.16 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--March 1974 to September 1977 (twice monthly); October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35.65 ft (10.87 m) NGVD, Oct. 8, 1975; lowest measured, 27.00 ft (8.23 m) NGVD, June 30, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1430	31.27	15...	1230	32.98
NOV			30...	0813	32.43
02...	1200	30.50	JUN		
28...	1035	29.46	25...	1240	30.97
DEC			JUL		
21...	1023	29.47	24...	1039	30.51
FEB , 1979			SEP		
05...	1145	31.70	04...	1342	33.64
27...	1244	31.78	18...	1250	33.30
APR					
04...	0844	30.97			
30...	1122	30.02			

WELL NUMBER.--281431082371802. Starkey Shallow Well 730 near New Port Richey, FL.

LOCATION.--Lat 28°14'31", long 82°37'18", in NW¼NE¼ sec.8, T.26 S., R.17 E., Hydrologic Unit 03100207, in Starkey Well Field, 3.4 mi (5.5 km) north of State Highway 54, and 5.3 mi (8.5 km) east of New Port Richey.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 17 ft (5 m), cased to 14 ft (4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.30 ft (0.09 m) above land-surface datum. Prior to Feb. 8, 1977, top of male adapter, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 36.38 ft (11.09 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1974 to September 1977 (twice monthly), incomplete; October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.14 ft (11.02 m) NGVD, Aug. 22, 1974; lowest measured, 28.26 ft (8.61 m) NGVD, July 14, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1425	32.73	15...	1225	34.21
NOV			30...	0815	33.72
02...	1202	31.88	JUN		
28...	1036	31.12	25...	1245	32.58
DEC			JUL		
21...	1025	30.99	24...	1042	31.70
FEB , 1979			SEP		
05...	1148	32.92	04...	--	34.89
27...	1246	33.29	18...	1252	34.37
APR					
04...	0846	32.54			
30...	1126	31.60			

## PASCO COUNTY

WELL NUMBER.--281441082380301. Starkey Deep Well 705 near New Port Richey, FL.

LOCATION.--Lat 28°14'41", long 82°38'03", in NE¼NE¼ sec.7, T.26 S., R.17 E., Hydrologic Unit 03100207, in Starkey Well Field, 3.4 mi (5.5 km) north of State Highway 54, and 5.3 mi (8.5 km) east of New Port Richey.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 381 ft (116 m), cased to 304 ft (93 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 40.23 ft (12.26 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--March, May, July 1974 (quarterly); August 1974 to September 1977 (twice monthly); October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.20 ft (9.81 m) NGVD, Sept. 10, 1974; lowest measured, 24.81 ft (7.56 m) NGVD, June 30, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1445	28.43	15...	1200	30.23
NOV			30...	0830	29.66
02...	1219	27.74	JUN		
28...	1050	26.77	25...	1300	28.25
DEC			JUL		
21...	1046	26.65	24...	1055	27.59
FEB , 1979			SEP		
05...	1205	28.71	04...	1355	31.04
27...	1240	28.73	18...	1215	30.66
APR					
04...	0900	28.23			
30...	1148	27.29			

WELL NUMBER.--281447082371002. Starkey Shallow Well 731 near New Port Richey, FL.

LOCATION.--Lat 28°14'47", long 82°37'10", in SE¼SE¼ sec.5, T.26 S., R.17 E., Hydrologic Unit 03100207, in Starkey Well Field, 3.4 mi (5.5 km) north of State Highway 54, and 5.3 mi (8.5 km) east of New Port Richey.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 24 ft (7 m), cased to 21 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 2.9 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 38 ft (12 m), from topographic map.

PERIOD OF RECORD.--March, May 1974 (quarterly); August 1974 to September 1977 (twice monthly); October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.10 ft (11.31 m) NGVD, Aug. 22, 1974; lowest measured, 30.05 ft (9.16 m) NGVD, July 14, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1422	34.38	15...	1235	35.76
NOV			30...	0820	35.21
02...	1210	33.65	JUN		
28...	1042	32.78	25...	1250	34.37
DEC			JUL		
21...	1032	32.63	24...	1047	33.71
FEB , 1979			SEP		
05...	1154	34.66	04...	1350	36.10
27...	1255	35.07	18...	1300	35.64
APR					
04...	0952	34.62			
30...	1137	33.67			

## PASCO COUNTY

WELL NUMBER.--281448082301801. Bexley Well 2 near Drexel, FL.

LOCATION.--Lat 28°14'48", long 82°30'18", in SE¼SE¼ sec.4, T.26 S., R.18 E., Hydrologic Unit 03100207, 2.0 mi (3.2 km) west of U. S. Highway 41, and 2.8 mi (4.5 km) west of Drexel.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 8 in (20 cm), depth 743 ft (226 m), cased to 44 ft (13 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.20 ft (0.98 m) above land-surface datum.

DATUM.--Land-surface datum is 67.43 ft (20.55 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation and public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--November 1969 to current year, incomplete. 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, 63.96 ft (19.50 m) NGVD, Sept. 27, 1979; lowest, 55.67 ft (16.97 m) NGVD, July 15, 1973.

ELEVATION, IN 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	60.92	60.17	60.01	61.48	61.93	62.12	61.23	59.94	62.19	60.96	60.94	63.16
10	60.96	60.05	60.03	61.56	61.94	62.70	61.12	63.13	61.86	60.86	62.32	62.85
15	60.84	59.92	59.97	62.19	61.78	62.32	60.63	63.11	61.44	60.48	63.18	63.62
20	60.66	59.74	59.81	62.27	61.57	62.02	60.23	62.72	60.99	60.77	63.33	63.22
25	60.46	59.56	59.96	62.35	62.15	62.05	60.00	63.02	60.92	61.48	63.48	63.79
EOM	60.30	59.43	61.03	62.24	62.34	61.51	59.91	62.54	61.19	61.12	63.49	63.92
MEAN	60.73	59.87	60.04	61.96	61.90	62.18	60.60	62.18	61.48	60.95	62.64	63.41
MAX	61.13	60.30	61.03	62.46	62.36	62.87	61.50	63.21	62.47	61.56	63.49	63.96
MIN	60.30	59.43	59.58	61.10	61.57	61.51	59.78	59.87	60.65	60.48	60.71	62.83
WTR YR 1979	MEAN	61.49	MAX	63.96	SEP 27	MIN	59.43	NOV 28	AND OTHERS			

## PASCO COUNTY

WELL NUMBER.--281451082380701. Starkey Deep Well 10 near Odessa, FL.

LOCATION.--Lat 28°14'51", long 82°38'07", in SE¼SE¼ sec.6, T.26 S., R.17 E., Hydrologic Unit 03100207, 4.5 mi (7.2 km) northwest of Odessa, and 5.2 mi (8.4 km) east of New Port Richey.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 392 ft (120 m), cased to 153 ft (47 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 0.45 ft (0.14 m) above land-surface datum.

DATUM.--Land-surface datum is 41.16 ft (12.55 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--August 1974 to February 1975 (fragmentary); March 1975 to current year. Prior to October 1978, published as Starkey Deep Well 10 near New Port Richey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 32.10 ft (9.78 m) NGVD, Oct. 7, 1975; lowest, 24.86 ft (7.58 m) NGVD, July 16, 1977.

ELEVATION, IN 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	28.57	27.40	26.81	27.46	28.75	28.63	28.19	27.02	29.55	27.82	26.92	30.88
10	28.24	27.25	26.73	27.52	28.69	29.07	28.01	30.02	29.14	27.80	27.69	30.48
15	28.27	27.10	26.75	28.28	28.54	29.04	27.78	30.13	28.91	27.63	29.01	30.64
20	28.09	26.91	26.49	28.57	28.31	28.76	27.40	29.78	28.54	27.57	29.14	30.39
25	27.79	26.81	26.74	28.70	28.47	28.80	27.47	29.80	28.32	27.56	29.34	31.17
EOM	27.68	26.65	27.15	28.60	28.69	28.44	27.29	29.80	28.14	27.12	30.42	31.60
MEAN	28.17	27.09	26.76	28.10	28.56	28.81	27.77	29.19	28.87	27.64	28.55	30.79
MAX	28.76	27.67	27.17	28.70	28.80	29.08	28.42	30.16	29.86	28.06	30.42	31.60
MIN	27.68	26.65	26.44	27.27	28.21	28.44	27.29	26.94	28.14	27.12	26.92	30.28
WTR YR 1979	MEAN	28.35	MAX	31.60	SEP 30	MIN	26.44	DEC 22				

WELL NUMBER.--281451082380702. Starkey Shallow Well 20 near Odessa, FL.

LOCATION.--Lat 28°14'51", long 82°38'07", in SE¼SE¼ sec.6, T.26 S., R.17 E., Hydrologic Unit 03100207, 4.5 mi (7.2 km) northwest of Odessa, and 5.2 mi (8.4 km) east of New Port Richey.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 22 ft (7 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of coupling, 1.10 ft (0.34 m) above land-surface datum.

DATUM.--Land-surface datum is 40.85 ft (12.45 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1974 to February 1975 (twice monthly); March 1975 to current year. Prior to October 1978, published as Starkey Shallow Well 20 near New Port Richey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.40 ft (9.88 m) NGVD, Sept. 10, 1974; lowest daily maximum water level, 24.90 ft (7.59 m) NGVD, July 16, 17, 1975.

ELEVATION, IN 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	28.44	27.61	26.77	27.07	28.50	28.51	28.25	27.22	29.30	28.10	27.10	30.60
10	28.33	27.39	26.77	27.17	28.62	28.83	28.12	29.66	29.05	28.01	27.42	30.40
15	28.20	27.20	26.69	27.83	28.54	28.90	27.95	29.94	28.88	27.78	28.63	30.27
20	28.10	27.11	26.51	28.21	28.41	28.90	27.67	29.86	28.65	27.69	28.93	30.16
25	27.96	26.95	26.52	28.34	28.31	28.80	27.47	29.56	28.40	27.52	29.07	30.37
EOM	27.70	26.76	26.92	28.45	28.46	28.58	27.45	29.44	28.26	27.36	30.07	31.06
MEAN	28.17	27.22	26.68	27.77	28.47	28.76	27.92	29.10	28.84	27.79	28.35	30.48
MAX	28.49	27.66	26.92	28.45	28.62	28.90	28.55	29.95	29.40	28.23	30.07	31.06
MIN	27.70	26.76	26.44	26.99	28.25	28.49	27.45	27.11	28.26	27.36	27.09	30.06
WTR YR 1979	MEAN	28.29	MAX	31.06	SEP 30	MIN	26.44	DEC 22 AND OTHERS				

## PASCO COUNTY

WELL NUMBER.--281453082380301. Starkey Deep Well 707 near New Port Richey, FL.

LOCATION.--Lat 28°14'53", long 82°38'03", in SE¼SE¼ sec.6, T.26 S., R.17 E., Hydrologic Unit 03100207, in Starkey Well Field, 3.4 mi (5.5 km) north of State Highway 54, and 5.3 mi (8.5 km) east of New Port Richey.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm), depth 408 ft (124 m), cased to 135 ft (41 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of coupling, 1.07 ft (0.33 m) above land-surface datum.

DATUM.--Land-surface datum is 38.43 ft (11.71 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--March, May, July 1974 (quarterly); August 1974 to September 1977 (twice monthly), incomplete; October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.06 ft (9.77 m) NGVD, Aug. 22, Sept. 10, 1974; lowest measured, 24.68 ft (7.52 m) NGVD, July 14, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1410	28.15	15...	1245	29.74
NOV			30...	0915	29.32
02...	1253	27.46	JUN		
28...	1130	26.54	25...	1340	28.02
DEC			JUL		
21...	1105	26.39	24...	1132	27.27
FEB , 1979			SEP		
05...	1247	28.45	09...	1410	30.66
27...	1217	28.51	18...	1337	30.14
APR					
04...	0930	28.08			
30...	1236	27.07			

WELL NUMBER.--281453082380302. Starkey Shallow Well 707 near New Port Richey, FL.

LOCATION.--Lat 28°14'53", long 82°38'03", in SE¼SE¼ sec.6, T.26 S., R.17 E., Hydrologic Unit 03100207, in Starkey Well Field, 3.4 mi (5.5 km) north of State Highway 54, and 5.3 mi (8.5 km) east of New Port Richey.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 22 ft (7 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of coupling, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 38.37 ft (11.70 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1974 to September 1977 (twice monthly), incomplete; October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.66 ft (10.26 m) NGVD, Sept. 10, 1974; lowest measured, 25.65 ft (7.82 m) NGVD, Aug. 2, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1415	29.35	15...	1250	30.17
NOV			30...	0918	30.23
02...	1255	28.77	JUN		
28...	1135	27.94	25...	1346	29.63
DEC			JUL		
21...	1107	27.44	24...	1135	28.64
FEB , 1979			SEP		
05...	1250	28.96	04...	1410	30.99
27...	1230	28.88	18...	1335	31.22
APR					
04...	0935	29.13			
30...	1230	28.32			

## PASCO COUNTY

WELL NUMBER.--281500082384501. Starkey Deep Well 710 near New Port Richey, FL.

LOCATION.--Lat 28°15'00", long 82°38'45", in NW¼SW¼ sec.6, T.26 S., R.17 E., Hydrologic Unit 03100207, in Starkey Well Field, 3.4 mi (5.5 km) north of State Highway 54, and 5.3 mi (8.5 km) east of New Port Richey.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, public supply, artesian well, diameter 12 in (30 cm), depth 345 ft (105 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of access hole, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 42.60 ft (12.98 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--August 1974 to September 1977 (twice monthly), incomplete; October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.63 ft (7.81 m) NGVD, Oct. 17, 1974; lowest measured, 12.35 ft (3.76 m) NGVD, June 29, 1978.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT			MAY		
10...	1300	16.89	15...	1045	16.28
NOV			30...	0955	15.94
02...	1325	16.31	JUN		
28...	1158	13.97	25...	1405	14.04
DEC			JUL		
21...	1130	13.83	24...	1156	14.00
FEB			SEP		
05...	1125	15.99	04...	1427	17.56
27...	1138	15.46	18...	1135	18.53
APR					
04...	0953	14.64			
30...	1305	12.94			

WELL NUMBER.--281500082384502. Starkey Shallow Well 710 near New Port Richey, FL.

LOCATION.--Lat 28°15'00", long 82°38'45", in NW¼SW¼ sec.6, T.26 S., R.17 E., Hydrologic Unit 03100207, in Starkey Well Field, 3.4 mi (5.5 km) north of State Highway 54, and 5.3 mi (8.5 km) east of New Port Richey.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 30 ft (9 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 1.40 ft (0.43 m) above land-surface datum.

DATUM.--Land-surface datum is 42.92 ft (13.08 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March, May, August 1974 to September 1977 (twice monthly), incomplete; October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.35 ft (8.95 m) NGVD, Sept. 10, 1974; lowest measured, 20.23 ft (6.17 m) NGVD, Aug. 16, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1303	23.08	15...	1055	24.23
NOV			30...	1010	24.40
02...	1322	22.35	JUN		
28...	1155	21.37	25...	1410	23.48
DEC			JUL		
21...	1132	20.66	24...	1200	22.44
FEB , 1979			SEP		
05...	1123	22.47	04...	1430	25.19
27...	1142	22.13	18...	1140	25.99
APR					
04...	0955	23.22			
30...	1320	22.22			



## PASCO COUNTY

WELL NUMBER.--281504082104801. ROMP Deep Well 86 near Zephyrhills, FL.

LOCATION.--Lat 28°15'04", long 82°10'48", in NE¼SW¼ sec.2, T.26 S., R.21 E., Hydrologic Unit 03100205, 15 ft (5 m) west of 12th Street, 190 ft (60 m) south of State Highway 54, and 1.3 mi (2.1 km) north of Zephyrhills.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 434 ft (132 m), cased to 425 ft (130 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.10 ft (0.94 m) above land-surface datum.

DATUM.--Land-surface datum is 87.20 ft (26.58 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 73.77 ft (22.49 m) NGVD, Sept. 30, 1979, water level rising; lowest, 65.35 ft (19.92 m) NGVD, Jan. 27, 28, 29, 1978.

ELEVATION, IN 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	69.03	68.37	67.47	66.59	66.21	65.97	66.23	66.14	66.35	66.39	66.44	67.60
10	68.94	68.21	67.32	66.52	66.15	66.05	66.24	66.12	66.38	66.41	66.45	68.04
15	68.86	68.07	67.17	66.45	66.08	66.08	66.24	66.15	66.39	66.42	66.48	68.90
20	68.76	67.92	67.02	66.40	66.02	66.12	66.22	66.19	66.39	66.43	66.56	71.27
25	68.64	67.77	66.87	66.34	65.98	66.16	66.20	66.24	66.38	66.44	66.81	72.34
DOM	68.49	67.62	66.69	66.27	65.98	66.20	66.17	66.30	66.37	66.44	67.20	73.77
MEAN	68.82	68.05	67.14	66.45	66.10	66.09	66.22	66.18	66.37	66.42	66.61	69.89
MAX	69.10	68.47	67.59	66.67	66.26	66.20	66.24	66.30	66.40	66.44	67.20	73.77
MIN	68.49	67.62	66.69	66.27	65.98	65.97	66.17	66.11	66.31	66.37	66.44	67.26
WTR YR 1979	MEAN	67.03	MAX	73.77	SEP 30	MIN	65.97	MAR 3	AND OTHERS			

## PASCO COUNTY

WELL NUMBER.--281526082374701. Starkey Deep Well 729 near New Port Richey, FL.

LOCATION.--Lat 28°15'26", long 82°37'47", in NW¼NW¼ sec.5, T.26 S., R.17 E., Hydrologic Unit 03100207, in Starkey Well Field, 3.4 mi (5.5 km) north of State Highway 54, and 5.3 mi (8.5 km) east of New Port Richey.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 82 ft (25 m), cased to 79 ft (24 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.48 ft (0.15 m) above land-surface datum. Prior to Mar. 1, 1977, top of male adapter, 3.80 ft (1.16 m) above land-surface datum.

DATUM.--Land-surface datum is 30.27 ft (9.23 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--March, May 1974 (quarterly); September 1974 to September 1977 (twice monthly); October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.27 ft (9.53 m) NGVD, Sept. 10, 1974; lowest measured, 23.94 ft (7.30 m) NGVD, July 14, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1327	27.24	15...	1300	29.04
NOV			30...	0930	28.51
02...	1314	26.53	JUN		
28...	1143	25.67	29...	1355	27.02
DEC			JUL		
21...	1115	25.58	24...	1145	26.27
FEB , 1979			SEP		
05...	1203	27.75	09...	1422	29.69
27...	1153	28.05	18...	1407	29.16
APR					
04...	0945	27.38			
30...	1245	26.27			

WELL NUMBER.--281526082374702. Starkey Shallow Well 729 near New Port Richey, FL.

LOCATION.--Lat 28°15'26", long 82°37'47", in NW¼NW¼ sec.5, T.26 S., R.17 E., Hydrologic Unit 03100207, in Starkey Well Field, 3.4 mi (5.5 km) north of State Highway 54, and 5.3 mi (8.5 km) east of New Port Richey.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 21 ft (6 m), cased to 18 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.16 ft (0.05 m) above land-surface datum. Prior to Mar. 1, 1977, top of male adapter, 2.20 ft (0.67 m) above land-surface datum.

DATUM.--Land-surface datum is 30.10 ft (9.17 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--March, May 1974 (quarterly); September 1974 to September 1977 (twice monthly); October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.18 ft (9.20 m) NGVD, Sept. 18, 1975; lowest measured, 23.98 ft (7.31 m) NGVD, July 14, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
10...	1325	26.98	15...	1305	29.30
NOV			30...	0935	28.46
02...	1311	26.05	JUN		
28...	1145	25.31	25...	1357	27.05
DEC			JUL		
21...	1116	25.13	24...	1147	26.13
FEB , 1979			SEP		
05...	1300	28.06	04...	1421	29.92
27...	1155	28.76	18...	1412	29.75
APR					
04...	0943	27.55			
30...	1250	26.35			

## PASCO COUNTY

WELL NUMBER.--281532082412301. New Port Richey Deep Well at Richey Lakes, FL.

LOCATION.--Lat 28°15'32", long 82°41'23", in SW¼SE¼ sec.34, T.25 S., R.16 E., Hydrologic Unit 03100207, 10 ft (3 m) south of State Highway 587, at Richey Lakes.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 582 ft (177 m), cased to 572 ft (174 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of shelter floor, 2.98 ft (0.91 m) above land-surface datum. Prior to May 12, 1976, top of casing extension, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 17 ft (5.2 m), from topographic map.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--November 1968 to September 1977 (bimonthly); October 1977 to current year (monthly). 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, 16.29 ft (4.96 m) NGVD, July 1, 1974; lowest measured, 5.14 ft (1.57 m) NGVD, June 30, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT			MAY		
10...	1600	7.46	03...	1620	6.59
NOV			18...	1600	9.08
03...	1730	6.95	JUN		
DEC			05...	0855	8.38
05...	1445	6.58	28...	1715	7.22
JAN			JUL		
12...	1810	7.25	31...	0900	6.76
FEB			SEP		
06...	0825	7.64	11...	1450	9.91
MAR			20...	1646	9.76
01...	1655	7.77			
27...	0900	7.69			

WELL NUMBER.--281532082412302. New Port Richey Shallow Well at Richey Lakes, FL.

LOCATION.--Lat 28°15'32", long 82°41'23", in SW¼SE¼ sec.34, T.25 S., R.16 E., Hydrologic Unit 03100207, 10 ft (3 m) south of State Highway 587, at Richey Lakes.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 120 ft (37 m), cased to 53 ft (16 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.9 ft (1.2 m) above land-surface datum. Prior to June 30, 1976, top of casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 17 ft (5.2 m), from topographic map.

PERIOD OF RECORD.--November 1968 to September 1977 (bimonthly); October 1977 to current year (monthly). 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, 15.19 ft (4.63 m) NGVD, Sept. 11, 1979; lowest measured, 9.51 ft (2.90 m) NGVD, May 27, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT			MAY		
10...	1612	12.49	03...	1630	11.77
NOV			18...	1605	14.26
03...	1645	11.94	JUN		
DEC			05...	0905	13.59
05...	1500	11.59	28...	1725	12.44
JAN			JUL		
12...	1825	12.42	31...	0910	12.05
FEB			SEP		
06...	0850	12.75	11...	1505	15.19
MAR			20...	1649	15.06
01...	1715	12.94			
27...	0920	12.88			

## PASCO COUNTY

WELL NUMBER.--281535082241301. Cypress Creek Deep Well TMR-5 near San Antonio, FL.

LOCATION.--Lat 28°15'35", long 82°24'13", in SE¼SE¼ sec.33, T.25 S., R.19 E., Hydrologic Unit 03100205, 3.6 mi (5.8 km) south of State Highway 52, and 9.2 mi (14.8 km) southwest of San Antonio.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 610 ft (186 m), cased to 102 ft (31 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.62 ft (1.10 m) above land-surface datum.

DATUM.--Land-surface datum is 65.10 ft (19.84 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--September 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 maximum water level, 61.41 ft (18.72 m) NGVD, Aug. 13, 1978; lowest, 52.20 ft (15.91 m) NGVD, Dec. 23, 1978.

ELEVATION, IN 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	57.56	53.92	52.68	53.79	55.14	55.81	55.01	52.74	56.31	53.76	52.47	57.51
10	56.42	53.80	53.05	54.00	55.09	56.99	54.83	57.28	55.71	53.53	52.94	57.37
15	55.23	53.26	52.61	54.87	56.03	56.74	54.00	57.68	55.07	53.35	55.89	58.22
20	55.09	52.93	52.41	55.07	55.01	56.59	53.62	57.51	54.25	53.43	56.50	58.26
25	54.65	52.70	52.27	55.33	55.78	56.42	54.07	57.25	54.18	53.41	57.58	59.00
EOM	54.21	52.51	53.07	55.42	55.84	55.47	54.33	56.75	54.22	52.85	57.55	59.24
MEAN	55.71	53.30	52.65	54.64	55.43	56.41	54.37	56.27	55.12	53.48	55.21	58.16
MAX	58.19	54.28	53.11	55.53	56.28	57.09	55.39	57.82	56.67	54.14	57.66	59.31
MIN	54.21	52.51	52.20	53.24	54.89	55.47	53.58	52.64	54.04	52.85	52.47	57.30
WTR YR 1979	MEAN	55.06	MAX	59.31	SEP 28	MIN	52.20	DEC 23				

WELL NUMBER.--281535082241302. Cypress Creek Shallow Well TMR-5 near San Antonio, FL.

LOCATION.--Lat 28°15'35", long 82°24'13", in SE¼SE¼ sec.33, T.25 S., R.19 E., Hydrologic Unit 03100205, 3.6 mi (5.8 km) south of State Highway 52, and 9.2 mi (14.8 km) southwest of San Antonio.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 24 ft (7 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.88 ft (1.49 m) above land-surface datum.

DATUM.--Land-surface datum is 65.10 ft (19.84 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1977 to current year. Record of water levels prior to October 1977 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 63.54 ft (19.37 m) NGVD, Aug. 13, 14, 1978; lowest, 57.46 ft (17.51 m) NGVD, Dec. 24, 25, 1978.

ELEVATION, IN 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	60.54	58.58	57.73	59.40	60.37	61.16	60.17	58.49	60.66	58.78	58.74	62.83
10	60.00	58.38	57.81	59.53	60.66	62.63	59.86	62.70	60.16	58.53	59.43	61.17
15	59.69	58.21	57.68	60.98	60.20	61.34	59.48	61.46	59.67	58.62	61.89	63.13
20	59.39	58.07	57.55	60.53	60.01	60.82	59.07	60.78	59.23	59.83	62.39	62.46
25	59.09	57.89	57.46	61.26	61.90	61.48	58.90	62.49	59.03	60.03	62.97	63.23
EOM	58.78	57.74	58.83	60.73	62.18	60.46	58.86	61.45	59.27	59.23	62.87	63.29
MEAN	59.70	58.21	57.75	60.33	60.65	61.44	59.50	60.92	59.79	59.14	61.13	62.73
MAX	60.82	58.75	58.83	61.26	62.28	62.72	60.40	62.73	61.37	60.03	62.97	63.32
MIN	58.78	57.74	57.46	58.89	59.93	60.46	58.83	58.38	58.90	58.39	58.66	61.17
WTR YR 1979	MEAN	60.10	MAX	63.32	SEP 28	MIN	57.46	DEC 24 AND OTHERS				

## PASCO COUNTY

WELL NUMBER.--281558082264601. Pasco Well 13 near Drexel, FL.

LOCATION.--Lat 28°15'58", long 82°26'46", in SE¼NW¼ sec.31, T.25 S., R.19 E., Hydrologic Unit 03100205, 300 ft (90 m) southeast of State Highway 583, and 1.9 mi (3.1 km) northeast of Drexel.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 6 in (15 cm), depth 49 ft (15 m), cased to 43 ft (13 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.19 ft (0.67 m) above land-surface datum.

DATUM.--Land-surface datum is 80.54 ft (24.55 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--March to September 1934 (semiannually); February 1936 to April 1950 (monthly); June 1951 to current year, incomplete. 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, 77.24 ft (23.54 m) NGVD, Mar. 18, 1960; lowest, 69.98 ft (21.33 m) NGVD, June 29, 1977.

ELEVATION, IN 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	73.90	72.58	72.22	73.30	73.46	73.71	72.97	71.76	73.79	72.50	71.83	74.16
10	73.54	72.47	71.96	73.43	73.40	74.67	72.87	75.53	73.38	72.41	72.45	73.70
15	73.36	72.31	72.10	74.19	73.24	73.98	72.64	74.90	73.21	72.19	73.59	75.07
20	73.16	72.19	71.97	73.93	73.08	73.67	72.32	74.29	72.87	72.27	73.68	74.56
25	72.91	72.05	72.09	74.03	73.87	73.60	72.27	74.82	72.79	72.21	73.91	75.87
EOM	72.69	71.82	73.01	73.74	74.00	73.24	72.15	74.12	72.72	71.74	74.46	76.36
MEAN	73.33	72.29	72.17	73.76	73.41	73.86	72.58	74.03	73.19	72.29	73.12	74.81
MAX	74.16	72.68	73.01	74.28	74.03	74.73	73.15	75.57	74.04	72.72	74.46	76.36
MIN	72.67	71.82	71.90	73.03	73.05	73.24	72.11	71.75	72.36	71.74	71.58	73.67
WTR YR 1979	MEAN	73.23	MAX	76.36	SEP 30	MIN	71.58	AUG 2				

WELL NUMBER.--281622082241301. Cypress Creek Deep Well 3 near Ehren, FL.

LOCATION.--Lat 28°16'22", long 82°24'13", in NE¼NE¼ sec.33, T.25 S., R.19 E., Hydrologic Unit 03100205, 2.7 mi (4.3 km) east of Ehren, and 6.6 mi (10.6 km) south of Darby.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 352 ft (107 m), cased to 136 ft (41 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 64.48 ft (19.65 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1974 to current year. Prior to October 1977, published as Cypress Creek Deep Well 3 near Darby.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 63.68 ft (19.41 m) NGVD, Sept. 10, 1974; lowest, 50.13 ft (15.28 m) NGVD, Dec. 23, 1978.

ELEVATION, IN 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	56.80	52.20	50.65	51.71	53.30	54.07	53.22	50.69	54.67	51.99	50.38	55.72
10	55.34	52.04	51.25	51.98	53.25	55.53	53.21	55.91	53.97	51.63	50.75	55.63
15	53.55	51.35	50.75	52.73	54.89	55.21	52.18	56.21	53.26	51.43	54.56	56.66
20	53.20	51.00	50.42	52.95	53.22	55.23	51.67	56.40	52.32	51.43	54.85	56.66
25	52.80	50.71	50.20	53.50	53.98	54.96	52.40	55.72	52.29	51.36	55.87	57.50
EOM	52.40	50.62	50.97	53.48	54.00	53.74	52.78	55.15	52.43	50.80	55.77	57.80
MEAN	54.25	51.48	50.68	52.59	53.77	54.90	52.71	54.71	53.40	51.56	53.30	56.54
MAX	57.74	52.60	51.30	53.55	55.24	55.69	53.63	56.45	55.01	52.31	56.10	57.80
MIN	52.40	50.58	50.13	51.13	53.13	53.74	51.67	50.58	52.29	50.80	50.35	55.61
WTR YR 1979	MEAN	53.32	MAX	57.80	SEP 29 AND OTHERS	MIN	50.13	DEC 23				



WELL NUMBER.--281636082372001. Moon Lake Deep Well near New Port Richey, FL.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 115 ft (35 m), cased to 65 ft (20 m).

DATUM.--Land-surface datum is 38.32 ft (11.68 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--April 1966 to current year, incomplete. 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, 33.93 ft (10.34 m) NGVD, Aug. 5, 1974; lowest, 28.07 ft (8.56 m) NGVD, July 15, 1977.

[illegible]

WELL NUMBER.--281636082372002. Moon Lake Shallow Well near New Port Richey, FL.

LOCATION.--Lat 28°16'36", long 82°37'20", in NW¼SE¼ sec.29, T.25 S., R.17 E., Hydrologic Unit 03100207, 5.9 mi (9.5 km) east of New Port Richey, and 6.1 mi (9.8 km) north of Odessa.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 25 ft (8 m), cased to 22 ft (7 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 3.35 ft (1.02 m) above land-surface datum. Prior to July 8, 1976, top of recorder shelter floor, 3.37 ft (1.03 m) above land-surface datum.

DATUM.--Land-surface datum is 38.32 ft (11.68 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--April 1966 to current year, incomplete. 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, 35.70 ft (10.88 m) NGVD, Aug. 7, 1974; lowest, 28.91 ft (8.81 m) NGVD, July 18, 1977.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	31.73	30.75	29.99	30.43	31.58	31.63	31.59	30.88	33.30	31.90	30.67	33.3
10	31.57	30.60	29.92	30.58	31.54	31.93	31.46	32.72	33.12	31.64	30.63	33.37
15	31.39	30.47	29.83	31.14	31.53	32.06	31.35	33.37	32.89	31.41	31.76	33.24
20	31.23	30.34	29.76	31.49	31.47	32.03	31.22	33.35	32.65	31.20	32.11	33.28
25	31.08	30.21	29.72	31.54	31.39	31.90	31.09	33.21	32.38	31.02	32.20	33.60
EOM	30.90	30.09	30.16	31.60	31.50	31.72	30.99	33.19	32.15	30.83	32.41	34.53
MEAN	31.37	30.46	29.89	31.05	31.51	31.86	31.33	32.61	32.83	31.40	31.54	33.44
MAX	31.86	30.87	30.16	31.60	31.60	32.06	31.70	33.38	33.30	32.09	32.41	34.53
MIN	30.90	30.09	29.71	30.23	31.39	31.54	30.99	30.84	32.15	30.83	30.58	32.69
WTR YR 1979	MEAN	31.61	MAX	34.53	SEP 30	MIN	29.71	DEC 24				



## PASCO COUNTY

WELL NUMBER.--281650082244501. Cypress Creek Deep Well TMR-4 near San Antonio, FL.

LOCATION.--Lat 28°16'50", long 82°24'45", in NE¼SW¼ sec.28, T.25 S., R.19 E., Hydrologic Unit 03100205, 2.8 mi (4.5 km) south of State Highway 52, and 8.8 mi (14.2 km) southwest of San Antonio.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, artesian, observation well, diameter 6 in (15 cm), depth 592 ft (180 m), cased to 99 ft (30 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.50 ft (1.37 m) above land-surface datum.

DATUM.--Land-surface datum is 63.84 ft (19.46 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--September 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 maximum water level, 61.85 ft (18.85 m) NGVD, Aug. 12, 22, 1978; lowest, 51.26 ft (15.62 m) NGVD, Dec. 23, 1978.

ELEVATION, IN 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	57.44	53.01	51.78	52.88	54.37	55.10	54.33	51.84	55.74	53.22	51.61	56.93
10	56.05	53.20	52.36	53.11	54.32	56.55	53.90	56.90	55.05	52.86	52.10	56.80
15	54.49	52.42	51.78	53.86	55.77	56.24	53.30	57.23	54.39	52.68	55.66	57.77
20	54.35	52.09	51.50	54.07	54.27	56.25	52.82	57.33	53.45	52.63	56.26	57.81
25	53.83	51.84	51.35	54.47	54.98	55.99	53.54	56.80	53.47	52.56	57.10	58.55
DOM	53.33	51.65	52.14	54.58	54.96	54.85	53.99	56.24	53.73	52.01	57.02	58.92
MEAN	55.12	52.53	51.79	53.70	54.74	55.90	53.75	55.76	54.50	52.78	54.62	57.67
MAX	58.35	53.64	52.42	54.63	56.08	56.66	54.74	57.43	56.11	53.58	57.21	58.92
MIN	53.33	51.65	51.26	52.28	53.90	54.85	52.82	51.74	53.43	52.01	51.60	56.80
WTR YR 1979	MEAN	54.40	MAX	58.92	SEP 30	MIN	51.26	DEC 23				

WELL NUMBER.--281650082244502. Cypress Creek Shallow Well TMR-4 near San Antonio, FL.

LOCATION.--Lat 28°16'50", long 82°24'45", in NE¼SW¼ sec.28, T.25 S., R.19 E., Hydrologic Unit 03100205, 2.8 mi (4.5 km) south of State Highway 52, and 8.8 mi (14.2 km) southwest of San Antonio.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 24 ft (7 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.15 ft (1.26 m) above land-surface datum.

DATUM.--Land-surface datum is 63.84 ft (19.46 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 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 maximum water level, 60.80 ft (18.53 m) NGVD, Aug. 16, 17, 19, 20, 1978; lowest, 53.38 ft (16.27 m) NGVD, Dec. 28, 1978.

ELEVATION, IN 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	58.72	55.35	53.83	54.08	55.82	56.34	56.55	54.59	57.61	55.39	54.08	58.39
10	58.05	55.05	53.85	54.48	55.76	57.19	56.17	57.20	55.11	53.97	58.14	58.14
15	57.32	54.78	53.81	55.26	55.75	57.31	55.78	57.80	56.67	54.82	55.38	58.54
20	56.71	54.49	53.63	55.52	55.77	57.26	55.36	57.86	56.11	54.60	56.71	58.93
25	56.22	54.22	53.44	55.74	55.95	57.16	55.07	57.91	55.68	54.59	57.77	59.29
DOM	55.70	53.96	53.57	55.88	56.21	56.91	54.94	57.88	55.51	54.38	58.27	59.67
MEAN	57.28	54.76	53.69	55.03	55.84	57.00	55.77	56.84	56.61	54.88	55.83	58.73
MAX	58.88	55.62	53.91	55.88	56.21	57.31	56.84	57.98	57.86	55.51	58.27	59.67
MIN	55.70	53.96	53.38	53.65	55.70	56.24	54.94	54.39	55.50	54.38	53.95	58.09
WTR YR 1979	MEAN	56.02	MAX	59.67	SEP 30	MIN	53.38	DEC 28				

## PASCO COUNTY

WELL NUMBER.--281654082065901. Local Number 816-206-01. U. S. Highway 98 Well near Dade City, FL.

LOCATION.--Lat 28°16'54", long 82°06'59", in SW¼SE¼NW¼ sec.28, T.25 S., R.22 E., Hydrologic Unit 03100208, on north side of U.S. Highway 98, 2.9 mi (4.7 km) north of intersection of State Highway 54, and 7.8 mi (12.6 km) southeast of Dade City.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 3 in (8 cm), depth 200 ft (61 m), cased to 41 ft (12 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.24 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 85.63 ft (26.10 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1976, January 1977 to current year (bimonthly). Records of water levels prior to January 1977 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 80.37 ft (24.50 m) NGVD, Sept. 20, 1979; lowest measured, 72.81 ft (22.19 m) NGVD, June 30, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV			JUL		
07...	1145	75.53	02...	0900	77.00
JAN			SEP		
29...	0810	77.09	20...	1200	80.37
MAR			20...	1515	80.34
22...	0815	77.81			
MAY					
11...	0920	77.66			

## PASCO COUNTY

WELL NUMBER.--281715082164401. State Highway 577 Well near San Antonio, FL.

LOCATION.--Lat 28°17'15", long 82°16'44", in NE¼NW¼ sec.26, T.25 S., R.20 E., Hydrologic Unit 03100205, 21 ft (6 m) west of State Highway 577, and 3.1 mi (5.0 km) south of San Antonio.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 150 ft (46 m), cased to 57 ft (17 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.75 ft (0.84 m) above land-surface datum.

DATUM.--Land-surface datum is 130.01 ft (39.63 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--August 1964 to current year, incomplete. 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, 97.01 ft (29.57 m) NGVD, Sept. 20, 1964; lowest, 82.40 ft (25.12 m), estimated, NGVD, June 30, July 1, 1977.

ELEVATION, IN 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	90.34	86.54	84.60	85.08	87.62	88.68	88.43	85.30	92.25	89.22	87.68	94.30
10	89.98	85.69	85.07	85.58	87.85	89.68	87.33	88.57	91.09	89.31	88.33	94.38
15	89.34	85.50	85.31	86.02	87.93	90.16	86.36	90.97	90.19	89.31	89.68	94.81
20	88.70	84.84	84.91	87.04	88.00	90.03	85.32	91.79	88.65	89.05	90.99	95.36
25	88.17	84.38	84.52	87.13	88.24	90.16	85.10	92.17	88.74	89.15	92.79	96.17
EOM	86.99	83.80	85.20	87.81	88.36	89.60	86.02	92.27	89.11	88.64	93.88	96.85
MEAN	89.13	85.36	84.81	86.36	87.89	89.65	86.58	89.84	90.18	89.13	90.28	95.16
MAX	90.49	86.95	85.41	87.81	88.36	90.17	89.30	92.33	92.27	89.33	93.88	96.85
MIN	86.99	83.80	83.83	85.07	87.20	88.38	84.92	85.30	88.38	88.64	87.68	93.98
WTR YR 1979	MEAN	88.70	MAX	96.85	SEP 29	AND OTHERS	MIN	83.80	NOV 30			

WELL NUMBER.--281715082164402. State Highway 577 Shallow Well near San Antonio, FL.

LOCATION.--Lat 28°17'15", long 82°16'44", in NE¼NW¼ sec.26, T.25 S., R.20 E., Hydrologic Unit 03100205, 21 ft (6 m) west of State Highway 577, and 3.1 mi (5.0 km) south of San Antonio.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 SAND.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 20.7 ft (6.3 m), cased to 17.7 ft (5.4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of nipple, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 129.78 ft (39.56 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1970 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, 126.39 ft (38.52 m) NGVD, Sept. 5, 1979; lowest measured, 113.99 ft (34.74 m) NGVD, July 5, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
08...	1437	120.46	14...	1225	124.94
DEC			JUL		
27...	0918	119.51	05...	1115	123.84
MAR , 1979			SEP		
09...	1115	122.46	05...	1440	126.39
APR			17...	1330	126.31
23...	1330	122.48			

## PASCO COUNTY

WELL NUMBER.--281719082224801. Cypress Creek Deep Well TMR-1 near San Antonio, FL.

LOCATION.--Lat 28°17'19", long 82°22'48", in SE¼SW¼ sec.23, T.25 S., R.19 E., Hydrologic Unit 03100205, 2.5 mi (4.0 km) south of State Highway 52, and 7.1 mi (11.4 km) southeast of San Antonio.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 5 in (13 cm), depth 535 ft (163 m), cased to 142 ft (43 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.70 ft (1.13 m) above land-surface datum.

DATUM.--Land-surface datum is 70.04 ft (21.35 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 70.87 ft (21.60 m) NGVD, June 24, 1976; lowest, 54.19 ft (16.52 m) NGVD, Dec. 17, 1978.

ELEVATION, IN 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	61.32	55.86	56.10	54.99	56.01	56.98	56.71	55.36	58.69	56.21	54.64	59.30
10	58.73	55.67	54.67	54.85	55.91	57.87	56.43	61.34	58.46	55.90	55.13	59.60
15	57.52	55.30	54.30	55.61	59.15	58.07	55.73	60.83	57.29	56.34	60.25	61.37
20	57.20	55.07	55.46	55.96	55.71	58.60	56.11	60.81	56.65	55.71	58.55	61.50
25	56.71	54.78	55.88	56.08	56.31	58.46	58.22	59.85	56.38	55.37	58.65	62.33
EQM	56.22	54.60	54.94	56.22	56.44	57.15	57.05	59.22	57.07	55.10	58.90	63.01
MEAN	58.25	55.42	54.89	55.60	56.77	57.74	56.66	59.24	57.50	56.00	57.16	60.74
MAX	62.48	56.67	56.10	57.54	59.50	58.66	58.22	61.61	59.17	57.10	60.25	63.01
MIN	56.22	54.60	54.19	54.52	55.71	56.45	55.58	55.25	56.38	55.06	54.56	58.80
WTR YR 1979	MEAN	57.16	MAX	63.01	SEP 30	MIN	54.19	DEC 17				

WELL NUMBER.--281719082224802. Cypress Creek Shallow Well TMR-1 near San Antonio, FL.

LOCATION.--Lat 28°17'19", long 82°22'48", in SE¼SW¼ sec.23, T.25 S., R.19 E., Hydrologic Unit 03100205, 2.5 mi (4.0 km) south of State Highway 52, and 7.1 mi (11.4 km) southeast of San Antonio.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, non-artesian well, diameter 6 in (15 cm), depth 21 ft (6 m), cased to 17 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 5.06 ft (1.54 m) above land-surface datum. Prior to September 12, 1977, top of coupling, 4.35 ft (1.33 m) above land-surface datum.

DATUM.--Land-surface datum is 70.04 ft (21.35 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records furnished by Southwest Florida Water Management District.

PERIOD OF RECORD.--July 1976 to January 1977 (weekly); February to August 1977 (bimonthly); September 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 69.53 ft (21.19 m) NGVD, July 26, 1976; lowest daily maximum water level, 56.19 ft (17.13 m) NGVD, Dec. 30, 1978.

ELEVATION, IN 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	63.00	58.62	57.60	56.44	57.73	58.19	58.63	57.33	60.68	58.45	56.82	61.47
10	61.04	58.28	56.93	56.45	57.61	59.03	58.28	61.73	60.16	58.38	56.87	61.78
15	60.23	57.99	56.65	57.18	59.41	59.62	57.80	61.75	59.60	58.12	59.57	61.46
20	59.88	57.70	57.05	57.53	57.50	59.91	57.84	61.48	58.98	57.72	59.24	62.60
25	59.38	57.42	56.93	57.73	57.98	59.62	58.86	61.25	58.79	57.54	60.02	63.67
EQM	58.85	57.14	56.33	57.89	57.93	59.03	58.38	60.93	58.69	57.11	61.19	64.56
MEAN	60.62	57.99	56.81	57.15	58.13	59.16	58.28	60.45	59.61	58.01	58.66	62.25
MAX	63.77	58.79	57.60	58.06	59.65	59.91	58.94	61.87	60.93	58.76	61.19	64.56
MIN	58.85	57.14	56.19	56.27	57.50	57.95	57.61	57.19	58.67	57.11	56.74	60.64
WTR YR 1979	MEAN	58.93	MAX	64.56	SEP 30	MIN	56.19	DEC 30				

## PASCO COUNTY

WELL NUMBER.--281746082233701. Cypress Creek Well TMR-3 near San Antonio, FL.

LOCATION.--Lat 28°17'46", long 82°23'37", in SW¼NE¼ sec.22, T.25 S., R.19 E., Hydrologic Unit 03100205, 1.8 mi (2.9 km) south of State Highway 52, and 7.8 mi (12.5 km) southwest of San Antonio.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 625 ft (190 m), cased to 160 ft (49 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 5.88 ft (1.79 m) above land-surface datum.

DATUM.--Land-surface datum is 65.00 ft (19.81 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 68.74 ft (20.95 m) NGVD, July 4, 1976; lowest, 48.46 ft (14.77 m) NGVD, Dec. 17, 1978.

ELEVATION, IN 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	56.60	50.12	50.10	51.08	52.07	54.76	51.78	49.46	53.11	52.21	51.31	55.40
10	53.91	50.25	49.59	50.19	51.94	53.29	51.92	55.03	52.63	51.56	52.32	54.92
15	51.86	49.53	49.07	50.83	57.34	53.76	50.65	55.07	51.57	51.81	58.66	56.75
20	51.68	49.17	49.55	51.97	51.57	55.17	50.33	55.87	50.60	52.81	56.92	56.12
25	51.08	48.90	50.03	51.87	52.38	53.88	52.97	54.17	51.66	52.16	56.44	56.63
LOM	50.55	48.75	50.37	52.13	52.52	52.73	52.16	53.58	52.67	52.26	53.43	58.37
MEAN	52.92	49.84	49.57	51.23	53.09	54.05	51.74	53.70	52.22	52.25	54.58	56.36
MAX	58.09	52.30	50.77	54.82	57.34	56.00	54.02	56.81	53.52	54.20	58.66	58.40
MIN	50.53	48.75	48.46	49.44	51.42	52.45	50.33	49.36	50.60	50.19	50.17	54.71
WTR YR 1979	MEAN	52.63		MAX	58.66	AUG 15	MIN	48.46	DEC 17			

WELL NUMBER.--281746082233702. Cypress Creek Shallow Well TMR-3 near San Antonio, FL.

LOCATION.--Lat 28°17'46", long 82°23'37", in SW¼NE¼ sec.22, T.25 S., R.19 E., Hydrologic Unit 03100205, 1.8 mi (2.9 km) south of State Highway 52, and 7.8 mi (12.5 km) southwest of San Antonio.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, non-artesian well, diameter 6 in (15 cm), depth 11 ft (3 m), cased to 7 ft (2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.94 ft (0.90 m) above land-surface datum. Prior to July 5, 1979, top of recorder shelter floor, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 65.41 ft (19.94 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1976 to current year. Prior to October 1976, published as Cypress Creek Shallow Well TB-7 near San Antonio.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 64.66 ft (19.71 m) NGVD, Aug. 9, 10, 11, 1978; lowest, 55.27 ft (16.85 m) NGVD, Jan. 4, 5, 6, 1979.

ELEVATION, IN 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	60.69	57.18	55.98	55.27	57.15	57.86	58.64	56.57	59.93	57.41	56.03	60.84
10	59.77	56.97	55.83	55.31	57.12	60.09	58.27	62.84	59.10	57.17	55.09	60.25
15	59.04	56.70	55.71	56.45	57.10	59.95	57.87	61.97	58.50	56.93	57.29	62.41
20	58.45	56.50	55.57	56.82	57.01	59.67	57.44	60.97	57.90	56.70	57.97	61.81
25	57.95	56.31	55.45	57.00	57.08	59.44	57.10	61.10	57.50	56.48	60.42	64.07
LOM	57.50	56.12	55.35	57.15	57.56	59.03	56.82	60.54	57.90	56.22	60.68	64.15
MEAN	59.12	56.72	55.69	56.24	57.13	59.28	57.83	60.30	58.66	56.91	57.84	61.91
MAX	61.16	57.46	56.09	57.15	57.56	60.11	58.98	62.84	60.45	57.80	61.16	64.22
MIN	57.50	56.12	55.35	55.27	56.94	57.62	56.82	56.47	57.50	56.22	55.85	60.04
WTR YR 1979	MEAN	58.14		MAX	64.22	SEP 27	MIN	55.27	JAN 4 AND OTHERS			



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## PASCO COUNTY

WELL NUMBER.--281845082224001. Cypress Creek Deep Well TMR-2 near San Antonio, FL.

LOCATION.--Lat 28°18'45", long 82°22'40", in SE¼NW¼ sec.14, T.25 S., R.19 E., Hydrologic Unit 03100205, 0.75 mi (1.20 km) south of State Highway 52, and 6.4 mi (10.3 km) southwest of San Antonio.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 625 ft (190 m), cased to 120 ft (36 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.30 ft (1.01 m) above land-surface datum.

DATUM.--Land-surface datum is 78.33 ft (23.87 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 75.16 ft (22.91 m) NGVD, July 27, 1976; lowest, 64.54 ft (19.67 m) NGVD, Dec. 17, 1978.

ELEVATION, IN 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	69.94	66.04	65.25	65.51	66.67	67.02	66.62	65.58	67.93	66.28	64.97	70.62
10	69.37	65.78	64.80	65.74	66.58	68.18	66.28	70.19	67.51	66.04	65.70	69.72
15	67.49	65.58	64.64	66.53	67.74	67.93	65.89	69.64	66.97	65.85	68.77	71.15
20	67.10	65.36	64.72	66.82	66.28	67.61	65.71	68.85	66.46	65.65	69.26	70.74
25	66.89	65.14	64.64	66.95	66.86	67.44	66.41	68.89	66.26	65.47	69.89	72.15
COM	66.40	64.93	65.05	67.11	67.13	66.92	66.00	68.36	66.60	65.08	70.06	71.96
MEAN	68.07	65.58	64.82	66.37	67.02	67.55	66.20	68.39	67.10	65.82	67.95	70.81
MAX	70.75	66.33	65.48	68.06	68.32	68.18	66.96	70.31	68.47	66.63	70.72	72.15
MIN	66.40	64.93	64.54	65.09	66.28	66.92	65.62	65.49	66.14	65.08	64.97	69.72
WTR YR 1979	MEAN	67.14	MAX	72.15	SEP 25	MIN	64.54	DEC 17				

WELL NUMBER.--281845082224002. Cypress Creek Shallow Well TMR-2 near San Antonio, FL.

LOCATION.--Lat 28°18'45", long 82°22'40", in SE¼NW¼ sec.14, T.25 S., R.19 E., Hydrologic Unit 03100205, 0.75 mi (1.20 km) south of State Highway 52, and 6.4 mi (10.3 km) southwest of San Antonio.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, non-artesian well, diameter 6 in (15 cm), depth 21 ft (6 m), cased to 17 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.70 ft (1.43 m) above land-surface datum. Prior to September 1977, top of coupling, 4.00 ft (1.22 m) above land-surface datum.

DATUM.--Land-surface datum is 78.45 ft (23.91 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Some records furnished by Southwest Florida Water Management District.

PERIOD OF RECORD.--July 1976 to January 1977 (weekly); February to August 1977 (bimonthly); September 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 74.70 ft (22.77 m) NGVD, Aug. 16, 1978; lowest, 65.21 ft (19.88 m) NGVD, Dec. 23, 24, 25, 1978.

ELEVATION, IN 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	70.23	66.80	65.81	66.13	67.31	67.62	67.22	66.11	68.66	66.94	65.65	70.81
10	69.49	66.54	65.56	66.29	67.20	68.77	66.90	70.90	68.14	66.75	66.26	70.48
15	68.17	66.27	65.40	67.35	67.97	68.57	66.55	70.56	67.68	66.53	69.50	71.84
20	67.83	66.10	65.35	67.50	66.90	68.19	66.32	69.69	67.18	66.33	70.09	71.28
25	67.41	65.90	65.21	67.66	67.53	67.95	66.67	69.72	66.95	66.11	70.84	72.44
COM	67.05	65.68	65.65	67.58	67.76	67.45	66.45	69.12	67.24	65.81	70.85	72.71
MEAN	68.52	66.30	65.47	66.99	67.50	68.15	66.72	69.08	67.76	66.49	68.58	71.46
MAX	70.79	67.01	65.81	67.86	68.30	68.78	67.40	71.01	69.05	67.25	70.96	72.71
MIN	67.05	65.68	65.21	65.71	66.90	67.45	66.20	66.00	66.84	65.81	65.64	70.41
WTR YR 1979	MEAN	67.75	MAX	72.71	SEP 30	MIN	65.21	DEC 23 AND OTHERS				



## PASCO COUNTY

WELL NUMBER.--281917082420901. ROMP Deep Well TR 17-1 at Bayonet Point, FL.

LOCATION.--Lat 28°19'17", long 82°42'09", in NE¼SE¼ sec. 9, T.25 S., R.16 E., Hydrologic Unit 03100207, 0.2 mi (0.3 km) west of U. S. Highway 19, and 0.7 mi (1.1 km) southwest of Bayonet Point.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 139 ft (42 m), cased to 131 ft (40 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 9.18 ft (2.80 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.07 ft (1.85 m) NGVD, Sept. 4, 1979; lowest, 3.83 ft (1.17 m) NGVD, July 3, 1979.

ELEVATION, IN FEET NGVD, JUNE TO SEPTEMBER 1979  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5									4.51	4.06	4.27	5.78
10									4.71	4.53	4.61	5.19
15									4.27	4.11	5.05	5.46
20									4.15	4.28	5.54	5.36
25									4.31	4.52	5.47	5.46
EOM									4.03	4.13	5.37	5.95
MEAN									4.38	4.28	5.02	5.55
MAX									4.80	4.72	5.58	6.07
MIN									4.03	3.83	4.10	5.19
WTR YR 1979	MEAN	4.80	MAX	6.07	SEP 4	MIN	3.83	JUL 3				

WELL NUMBER.--281918082264601. State Highway 52 Well near Gowers Corner, FL.

LOCATION.--Lat 28°19'18", long 82°26'46", in NE¼SW¼ sec.7, T.25 S., R.19 E., Hydrologic Unit 03100207, 30 ft (9 m) north of State Highway 52, and 3.3 mi (5.3 km) east of Gowers Corner.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 73 ft (22 m), cased to 38 ft (12 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.43 ft (0.74 m) above land-surface datum.

DATUM.--Land-surface datum is 79.50 ft (24.23 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--May 1965 to current year, incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1978, published as State Highway 52 Well east of Gowers Corner.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 77.93 ft (23.75 m) NGVD, Dec. 10, 1969; lowest, 71.72 ft (21.86 m) NGVD, June 30, 1977.

ELEVATION, IN 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	74.61	73.36	72.55	73.85	74.06	73.97	73.27	72.06	73.86	73.03	72.30	75.23
10	74.24	73.21	72.60	73.88	74.12	74.67	73.05	75.62	73.49	72.93	74.01	74.95
15	74.25	73.06	72.50	74.56	73.85	74.24	72.81	74.92	73.20	72.92	74.98	76.69
20	73.89	72.89	72.40	74.30	73.65	73.90	72.52	74.45	72.87	72.90	75.63	75.87
25	73.64	72.70	73.10	74.70	74.38	74.00	72.64	74.72	73.47	72.65	75.98	76.98
EOM	73.67	72.50	73.61	74.39	74.19	73.50	72.25	74.17	73.55	72.22	75.79	77.15
MEAN	74.12	73.03	72.74	74.29	74.00	74.14	72.82	74.14	73.48	72.84	74.65	76.09
MAX	75.07	73.60	73.71	74.89	74.47	75.04	73.46	75.74	73.49	73.43	75.98	77.26
MIN	73.56	72.50	72.40	73.57	73.61	73.50	72.25	72.02	72.82	72.22	72.16	74.95
WTR YR 1979	MEAN	73.86	MAX	77.26	SEP 29	MIN	72.02	MAY 6				

NOTE.--Record estimated Nov. 22 to Dec. 26.

## PASCO COUNTY

WELL NUMBER.--281918082264602. State Highway 52 Shallow Well near Gowers Corner, FL.

LOCATION.--Lat 28°19'18", long 82°26'46", in NE¼SW¼ sec.7, T.25 S., R.19 E., Hydrologic Unit 03100207, 30 ft (9 m) north of State Highway 52, and 3.3 mi (5.3 km) east of Gowers Corner.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 6.7 ft (2.0 m), cased to 5.7 ft (1.7 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.43 ft (0.74 m) above land-surface datum.

DATUM.--Land-surface datum is 79.50 ft (24.23 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to current year (bimonthly). Prior to October 1978, published as State Highway 52 Shallow Well east of Gowers Corner.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 76.99 ft (23.47 m) NGVD, Sept. 18, 1979; well observed dry at times each year.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
MAR			SEP		
09...	1105	75.20	05...	0835	75.83
MAY			18...	1216	76.99
15...	1757	75.38			

WELL NUMBER.--281922082403901. ROMP Deep Well TR 17-3 near Bayonet Point, FL.

LOCATION.--Lat 28°19'22", long 82°40'39", in NW¼NE¼ sec.11, T.25 S., R.16 E., Hydrologic Unit 03100207, 0.6 mi (1.0 km) south of State Highway 52, and 1.5 mi (2.4 km) east of Bayonet Point.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 200 ft (61 m), cased to 185 ft (56 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 30.17 ft (9.20 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.25 ft (1.90 m) NGVD, Sept. 29, 1979; lowest, 2.67 ft (0.81 m) NGVD, June 15, 28, July 3, 1979.

ELEVATION, IN FEET NGVD, JUNE TO SEPTEMBER 1979  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5									3.06	2.79	3.00	4.86
10									3.05	3.16	3.23	3.62
15									2.67	2.88	3.50	4.29
20									2.78	3.09	3.74	4.10
25									2.88	3.23	3.86	4.72
EOM									2.85	2.96	3.65	6.11
MEAN									2.88	3.02	3.49	4.56
MAX									3.21	3.41	3.86	6.25
MIN									2.67	2.67	2.90	3.62
WTR YR 1979	MEAN	3.48	MAX	6.25 SEP 29	MIN	2.67 JUN 15 AND OTHERS						

## PASCO COUNTY

WELL NUMBER.--281926082212901. Junction of State Highways 52 and 581 Well near Darby, FL.

LOCATION.--Lat 28°19'26", long 82°21'29", in NE¼SE¼ sec.12, T.25 S., R.19 E., Hydrologic Unit 03100205, 45 ft (15 m) south of State Highway 52, 800 ft (250 m) east of State Highway 581, and 2.6 mi (4.2 km) south of Darby.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 113 ft (34 m), cased to 83 ft (25 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.42 ft (0.74 m) above land-surface datum.

DATUM.--Land-surface datum is 89.47 ft (27.27 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--April 1966 to current year, incomplete. 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, 79.44 ft (24.21 m) NGVD, Sept. 30, 1966; lowest, 69.16 ft (21.08 m) NGVD, Dec. 25, 1978.

ELEVATION, IN 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	73.66	70.98	69.63	69.89	71.67	72.04	71.87	70.12	73.30	71.33	70.00	75.25
10	73.01	70.71	69.49	70.15	71.60	73.10	71.52	73.55	72.76	71.16	70.38	75.18
15	72.44	70.43	69.39	71.05	71.74	73.02	71.07	74.25	72.29	70.95	72.91	76.25
20	72.07	70.16	69.28	71.56	71.34	72.76	70.67	73.97	71.76	70.81	73.90	76.15
25	71.69	69.93	69.16	71.71	71.71	72.63	70.58	73.90	71.39	70.59	74.93	76.83
DOM	71.30	69.71	69.45	71.87	72.03	72.18	70.39	73.53	71.51	70.29	74.97	77.60
MEAN	72.49	70.42	69.40	70.91	71.66	72.63	71.12	72.96	72.29	70.91	72.58	76.04
MAX	73.90	71.25	69.69	71.89	72.03	73.15	72.14	74.30	73.50	71.51	75.04	77.60
MIN	71.30	69.71	69.16	69.55	71.34	72.04	70.39	70.02	71.22	70.29	69.98	75.18
WTR YR 1979	MEAN	71.95	MAX	77.60	SEP 30	MIN	69.16	DEC 25				

WELL NUMBER.--281926082212903. Junction of State Highways 52 and 581 Shallow Well near Darby, FL.

LOCATION.--Lat 28°19'26", long 82°21'29", in NE¼SE¼ sec.12, T.25 S., R.19 E., Hydrologic Unit 03100205, 45 ft (15 m) south of State Highway 52, 800 ft (250 m) east of State Highway 581, and 2.6 mi (4.2 km) south of Darby.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 SAND.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 6 ft (2 m), cased to 4 ft (1 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.50 ft (0.15 m) above land-surface datum.

DATUM.--Land-surface datum is 89.75 ft (27.36 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1965 to current year (bimonthly), incomplete. 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, 88.92 ft (27.10 m) NGVD, July 3, 1974; well observed dry at times some years.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
MAR 09...	1330	86.65	SEP 05...	1600	87.56
MAY 16...	0915	86.73	SEP 18...	1122	87.65

## PASCO COUNTY

WELL NUMBER.--281949082332001. State Highway 52 Deep Well near Fivay Junction, FL.

LOCATION (REVISED).--Lat 28°19'49", long 82°33'20", in NW¼NE¼ sec.12, T.25 S., R.17 E., Hydrologic Unit 03100207, 20 ft (6 m) south of State Highway 52, and 2.3 mi (3.7 km) west of Fivay Junction.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 73 ft (22 m), cased to 60 ft (18 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.64 ft (1.11 m) above land-surface datum.

DATUM.--Land-surface datum is 55.89 ft (17.04 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--April 1966 to current year, incomplete. Record of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1978, published as State Highway 52 Deep Well near Gowers Corner.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 55.84 ft (17.02 m) NGVD, Sept. 26, 1979; lowest, 49.96 ft (15.23 m) NGVD, July 2, 1977.

ELEVATION, IN 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	52.53	51.83	51.54	52.54	52.89	52.91	52.55	51.81	53.35	52.50	52.33	54.08
10	52.32	51.75	51.50	52.47	53.01	53.39	52.43	54.77	53.07	52.37	53.76	53.99
15	52.21	51.66	51.38	53.29	52.84	53.13	52.29	54.59	52.85	52.20	54.16	55.09
20	52.06	51.56	51.32	53.07	52.73	52.93	52.12	54.04	52.60	52.45	54.46	54.35
25	51.92	51.50	51.98	53.25	53.06	52.88	52.12	54.03	52.43	52.71	54.48	55.32
DOM	52.05	51.39	52.41	53.06	53.09	52.67	51.95	53.59	52.80	52.44	54.54	55.20
MEAN	52.21	51.66	51.62	52.93	52.90	53.03	52.28	53.66	52.91	52.48	53.88	54.64
MAX	52.70	52.02	52.41	53.35	53.11	53.46	52.65	54.94	53.54	52.76	54.54	55.84
MIN	51.86	51.39	51.28	52.41	52.68	52.67	51.95	51.79	52.43	52.20	52.25	53.80
WTR YR 1979	MEAN	52.85	MAX	55.84	SEP 26	MIN	51.28	DEC 23				

WELL NUMBER.--281949082332002. State Highway 52 Shallow Well near Fivay Junction, FL.

LOCATION (REVISED).--Lat 28°19'49", long 82°33'20", in NW¼NE¼ sec.12, T.25 S., R.17 E., Hydrologic Unit 03100207, 20 ft (6 m) south of State Highway 52, and 2.3 mi (3.7 km) west of Fivay Junction.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 SAND.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 23.5 ft (7.2 m), cased to 20.5 ft (6.2 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of cap, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 56.68 ft (17.28 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1965 to current year (bimonthly). Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1978, published as State Highway 52 Shallow Well near Gowers Corner.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 55.46 ft (16.90 m) NGVD, Mar. 11, 1970; lowest measured, 49.80 ft (15.18 m) NGVD, June 1, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT			MAY		
31...	0-10	51.99	16...	2050	53.90
JAN			JUN		
12...	1315	52.26	29...	1006	52.58
MAR			SEP		
02...	1000	52.72	11...	1200	53.26
MAY			20...	0930	54.51
04...	1000	52.51			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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## PASCO COUNTY

WELL NUMBER.--282009082373801. State Highway 52 Deep Well near Hudson, FL.

LOCATION.--Lat 28°20'09", long 82°37'38", in NE¼SW¼ sec.5, T.25 S., R.17 E., Hydrologic Unit 03100207, 1.6 mi (2.6 km) west of junction State Highways 52 and 587, and 5.0 mi (8.0 km) southeast of Hudson.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 73 ft (22 m), cased to 59 ft (18 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.6 ft (0.8 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 33 ft (10 m), from topographic map.

PERIOD OF RECORD.--January 1965 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, 30.06 ft (9.16 m) NGVD, Mar. 10, 1970; lowest measured, 22.18 ft (6.76 m) NGVD, May 22, 1974.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
03...	1500	24.38	18...	1433	27.10
JAN , 1979			JUN		
12...	1255	24.49	29...	1310	25.42
MAR			SEP		
02...	1300	25.42	11...	1315	28.01
MAY			20...	1600	27.98
04...	1210	24.48			

WELL NUMBER.--282147082113004. Local Number Pasco 821-211-213. Water Plant Well 4 at Dade City, FL.

LOCATION.--Lat 28°21'47", long 82°11'30", in NW¼SE¼SE¼ sec.27, T.24 S., R.21 E., Hydrologic Unit 03100208, at water plant on northeast corner of intersection of South 10th Street and East Church Street in Dade City.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, artesian well, diameter 10 in (25 cm), depth 116 ft (35 m), cased to 60 ft (18 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of terra-cotta pipe, 2.37 ft (0.72 m) above land-surface datum.

DATUM.--Land-surface datum is 116.50 ft (35.51 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Affected by pumpage.

PERIOD OF RECORD.--April 1962, June 1969, March 1973 to May 1976 (bimonthly), June 1976 to current year. Records of water levels prior to January 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 72.50 ft (22.10 m) NGVD, Sept. 30, 1979 water level rising; lowest measured, 59.87 ft (18.25 m) NGVD, Apr. 30, 1974.

ELEVATION, IN 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	67.60	66.04	64.47	63.36	63.60	63.45	65.08	63.67	65.92	65.51	65.72	68.83
10	67.34	65.79	64.22	63.25	63.45	63.80	65.05	64.23	65.69	65.66	65.83	69.14
15	67.12	65.54	63.74	63.54	63.50	64.30	64.68	64.74	65.44	65.65	66.29	69.55
20	66.84	65.25	63.61	63.16	63.30	64.80	63.98	65.36	65.37	65.70	66.88	70.45
25	66.58	64.98	63.86	63.36	63.35	65.52	64.15	65.62	65.43	65.78	67.60	71.34
EOM	66.27	64.73	63.40	63.50	63.45	65.54	64.21	65.86	65.45	65.77	68.35	72.50
MAX	67.80	66.23	64.66	63.65	63.65	65.54	65.56	65.94	66.09	65.81	68.35	72.50
WTR YR 1979	MEAN	65.43	MAX	72.50	SEP 30	MIN	62.96	JAN 19				



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## PASCO COUNTY

WELL NUMBER.--282259082104101. Local Number Pasco 822-210-01. Lykes Pasco Well near Dade City, FL.

LOCATION.--Lat 28°22'59", long 82°10'41", in NW¼SE¼ sec.23, T.24 S., R.21 E., Hydrologic Unit 03100208, 0.5 mi (0.8 km) east of confluence of Pasco Packing Company and Evans Packing Company canals, and 2 mi (3 km) northeast of Dade City.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, artesian well, diameter 4 in (10 cm), depth 36 ft (11 m), casing length unknown.

INSTRUMENTATION.--Water-level recorder. Measuring point: Top edge of flange on casing, 4.33 ft (1.32 m) above land-surface datum.

DATUM.--Land-surface datum is 73.81 ft (22.50 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April 1973 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, 72.63 ft (22.14 m) NGVD, Sept. 30, 1979 water level rising; lowest, 60.51 ft (18.44 m) NGVD, May 16, 1976.

ELEVATION, IN 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	67.52	66.05	64.68	63.61	63.83	63.89	65.43	64.60	66.17	65.54	65.69	68.85
10	67.19	65.82	64.31	63.55	63.79	64.19	65.42	64.90	65.89	65.64	65.81	69.14
15	67.01	65.59	64.05	63.70	63.78	64.68	64.83	65.35	65.61	65.61	66.35	69.54
20	66.76	65.35	63.91	63.67	63.63	65.24	64.70	65.55	65.44	65.65	66.90	70.51
25	66.51	65.12	63.83	63.73	63.70	65.70	64.80	65.88	65.45	65.75	67.69	71.36
EOM	66.23	64.83	63.71	63.85	63.73	65.82	64.90	66.04	65.47	65.77	68.43	72.63
MAX	67.68	66.20	64.77	63.85	63.85	65.82	65.83	66.10	66.17	65.77	68.43	72.63
WTR YR 1979	MEAN	65.62	MAX	72.63	SEP 30	MIN	63.48	JAN 12				

WELL NUMBER.--282540082275701. Masaryktown Deep Well at Masaryktown, FL.

LOCATION.--Lat 28°25'40", long 82°27'57", in SW¼NW¼ sec.1, T.24 S., R.18 E., Hydrologic Unit 03100207, 80 ft (25 m) west of U. S. Highway 41 at Masaryktown.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 82 ft (25 m), cased to 29 ft (9 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.90 ft (0.88 m) above land-surface datum. Prior to Jan. 22, 1976, top of 6 in (15 cm) casing, 2.80 ft (0.85 m) above land-surface datum.

DATUM.--Land-surface datum is 65.71 ft (20.03 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--May 1965 to current year, incomplete. 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, 48.12 ft (14.67 m) NGVD, Sept. 15, 1965; lowest, 29.08 ft (8.86 m) NGVD, June 23, 1974.

ELEVATION, IN 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	37.00	36.20	35.20	34.14	33.29	32.76	32.39	32.23	32.90	33.13	32.70	33.50
10	36.92	36.03	35.01	33.99	33.17	32.69	32.37	32.21	33.01	33.10	32.66	33.94
15	36.83	35.86	34.86	33.83	33.09	32.62	32.34	32.33	33.08	33.01	32.66	34.45
20	36.69	35.69	34.70	33.72	32.97	32.55	32.31	32.46	33.11	32.90	32.75	35.45
25	36.56	35.53	34.53	33.56	32.91	32.51	32.31	32.62	33.13	32.79	32.89	37.31
EOM	36.34	35.35	34.31	33.43	32.86	32.43	32.27	32.79	33.14	32.71	33.18	39.38
MEAN	36.76	35.84	34.82	33.83	33.10	32.61	32.34	32.41	33.04	32.96	32.78	35.23
MAX	37.02	36.31	35.33	34.29	33.38	32.83	32.43	32.79	33.14	33.14	33.18	39.38
MIN	36.34	35.35	34.31	33.43	32.86	32.43	32.27	32.19	32.81	32.71	32.65	33.22
WTR YR 1979	MEAN	33.81	MAX	39.38	SEP 30	MIN	32.19	MAY 9				



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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## PASCO COUNTY

WELL NUMBER.--282540082275702. Masaryktown Shallow Well at Masaryktown, FL.

LOCATION.--Lat 28°25'40", long 82°27'57", in SW¼NW¼ sec.1, T.24 S., R.18 E., Hydrologic Unit 03100207, 80 ft (25 m) west of U. S. Highway 41 at Masaryktown.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 SAND.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.25 ft (0.69 m) above land-surface datum.

DATUM.--Land-surface datum is 65.78 ft (20.05 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Well is apparently experiencing some cave-in. Soundings at different times indicate varying depths.

PERIOD OF RECORD.--October 1965 to current year (bimonthly). 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, 60.85 ft (18.55 m) NGVD, Sept. 4, 1969; well observed dry at times most years.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
MAY , 1979			SEP , 1979		
16...	0940	58.03	19...	1010	58.87
SEP					
06...	1325	58.42			

WELL NUMBER.--282641082112001. Local Number Pasco 826-211-214. Overpass Well near Trilacoochee, FL.

LOCATION.--Lat 28°26'41", long 82°11'20", in NE¼SE¼NE¼ sec.34, T.23 S., R.21 E., Hydrologic Unit 03100208, between lanes of divided U. S. Highway 301 at Seaboard Coast Line Railroad crossing, 1.4 mi (2.2 km) south of Trilacoochee, and 4.3 mi (6.9 km) north of Dade City.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, artesian well, diameter 6 in (15 cm), depth 227 ft (69 m), cased to 49 ft (15 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 14.08 ft (4.29 m) above land-surface datum.

DATUM.--Land-surface datum is 80.17 ft (24.44 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1959, February 1960 to June 1965, July 1965 to April 1966 (bimonthly), May 1966 to July 1966, July 1967 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, 74.30 ft (22.65 m) NGVD, Aug. 10, 1960; lowest, 55.86 ft (17.03 m) NGVD, June 23, 1974.

ELEVATION, IN 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	61.76	60.52	59.79	59.21	59.61	59.65	61.30	59.79	61.94	60.90	61.32	64.13
10	61.52	60.44	59.57	59.14	59.65	60.45	61.02	60.66	61.58	60.83	61.50	64.34
15	61.33	60.26	59.49	59.27	59.63	60.80	60.59	61.30	61.27	60.81	61.99	64.94
20	61.12	60.08	59.34	59.31	59.41	61.35	60.29	61.75	61.03	61.01	62.57	66.21
25	60.92	59.94	59.27	59.41	59.38	61.65	60.10	62.06	60.96	61.22	63.18	67.17
EOM	60.70	59.80	59.22	59.60	59.48	61.62	60.00	62.13	60.89	61.32	63.80	68.77
MAX	61.94	60.67	59.79	59.60	59.65	61.66	61.60	62.18	62.10	61.32	63.80	68.77
WTR YR 1979	MEAN	61.06	MAX	68.77	SEP 30	MIN	59.13	JAN 11				

WATER RESOURCES DATA FOR FLORIDA, 1979  
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KEY TO SITE LOCATIONS ON FIGURE 16  
PINELLAS COUNTY

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8	280630082415401	231
9	280631082454601	232
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10	280734082442101	233
10	280747082452001	233
10	280753082465201	234
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12	280843082390402	235
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18	280942082411801	241
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18	281009082392301	242
18	281010082390601	243
18	281020082395701	244
18	281020082395702	244
18	281022082400201	245

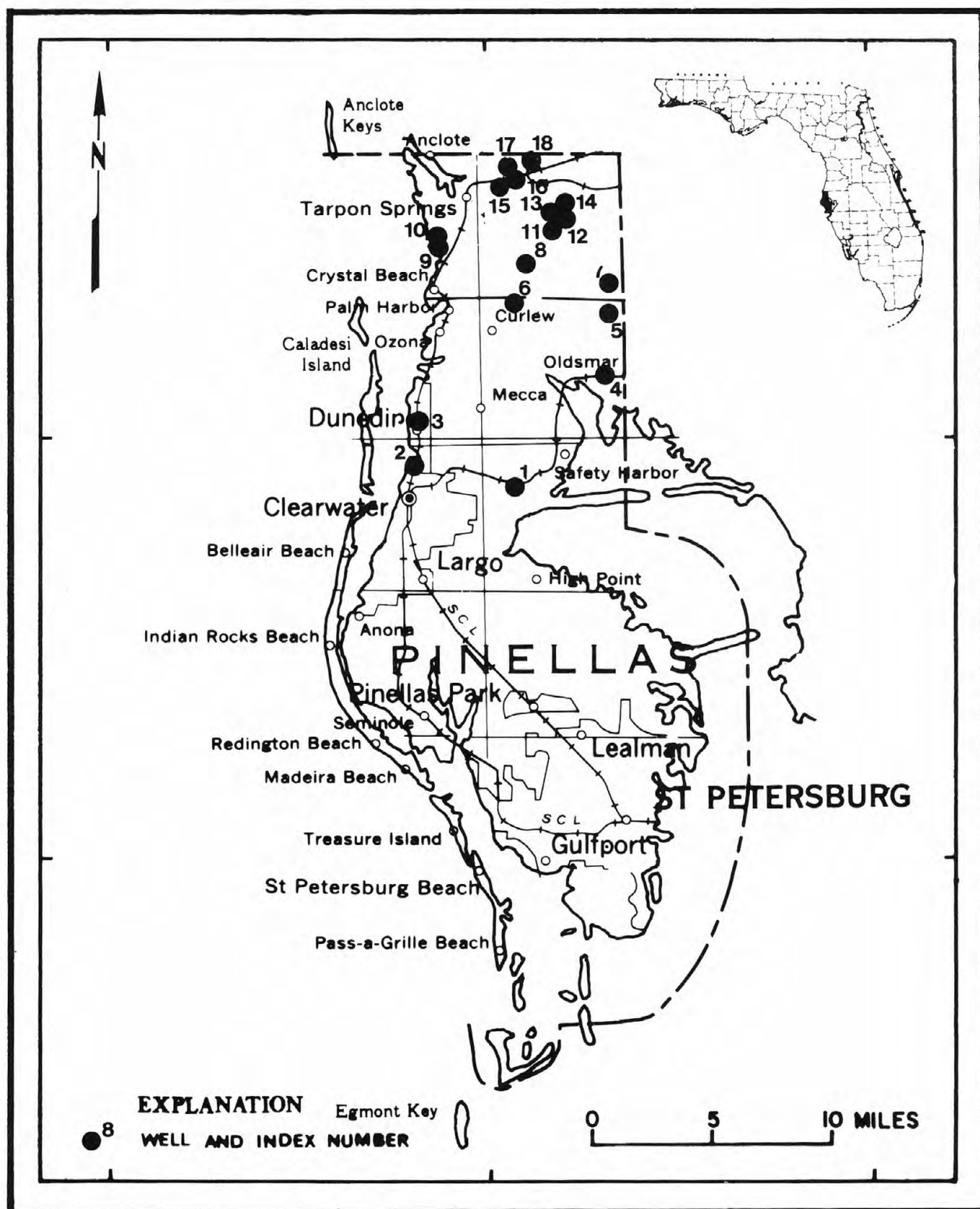


Figure 16. Location of wells in Pinellas County

## PINELLAS COUNTY

WELL NUMBER.--275815082440401. Pinellas Well 665 near Clearwater, FL.

LOCATION.--Lat 27°58'15", long 82°44'04", in SW¼SE¼ sec.7, T.29 S., R.16 E., Hydrologic Unit 03100206, 1.1 mi (1.8 km) north of State Highway 60, and 4.0 mi (6.4 km) east of Clearwater.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused public supply, artesian well, diameter 10 in (25 cm), depth 299 ft (91 m), cased to 81 ft (25 m).

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

DATUM.--Land-surface datum is 33.64 ft (10.25 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--June 1954 to current year, incomplete. 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, 14.79 ft (4.51 m) NGVD, Sept. 15, 1959; lowest, 7.29 ft (2.22 m) NGVD, Mar. 31, 1956.

ELEVATION, IN 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	9.18	8.68	8.90	8.42	9.12	9.16	8.64	8.03	8.44	7.96	8.26	10.11
10	8.88	8.64	8.72	8.75	8.78	9.30	8.42	9.05	8.34	8.35	8.60	10.37
15	9.13	8.44	8.34	9.09	8.68	9.15	8.21	9.20	8.09	8.46	9.05	10.60
20	8.94	8.40	8.40	9.40	8.52	8.92	7.70	8.90	7.80	8.54	9.21	10.60
25	8.76	8.52	8.52	9.37	9.06	9.22	8.36	9.00	7.82	8.68	9.35	11.20
EOM	8.80	8.54	8.58	9.26	8.96	8.70	8.16	9.01	8.08	8.34	9.76	11.35
MEAN	8.98	8.55	8.52	9.08	8.85	9.05	8.26	8.77	8.11	8.38	8.94	10.63
MAX	9.30	8.76	8.90	9.45	9.20	9.40	8.76	9.27	8.58	8.68	9.76	11.35
MIN	8.76	8.31	8.30	8.39	8.52	8.70	7.70	7.98	7.62	7.90	8.14	9.92
WTR YR 1979	MEAN	8.84	MAX	11.35 SEP 30	MIN	7.62 JUN 26						

WELL NUMBER.--275843082474201. Garden Street Triangle Well at Clearwater, FL.

LOCATION.--Lat 27°58'43", long 82°47'42", in NE¼NE¼ sec.9, T.29 S., R.15 E., Hydrologic Unit 03100207, 0.9 mi (1.4 km) north of State Highway 60, and 1.0 mi (1.6 km) north of City Hall at Clearwater.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused public supply, artesian well, diameter 10 in (25 cm), depth 208 ft (63 m), cased to 54 ft (16 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 1.17 ft (0.36 m) above land-surface datum. Prior to April 1977, top of recorder shelter floor, 1.55 ft (0.47 m) above land-surface datum.

DATUM.--Land-surface datum is 32.27 ft (9.84 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by tide. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--March 1946 to current year, incomplete. 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, 8.63 ft (2.63 m) NGVD, Sept. 6, 1950; lowest, 3.55 ft (1.08 m) NGVD, May 25, 1956.

ELEVATION, IN 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	5.31	5.03	5.35	4.64	5.04	5.31	4.73	4.37	4.63	4.30	4.76	5.85
10	5.00	4.96	4.78	4.72	4.51	5.27	4.69	5.26	4.64	4.80	5.10	5.71
15	5.42	5.06	4.63	5.01	4.74	5.06	4.53	5.16	4.59	4.82	5.25	6.25
20	5.00	4.85	4.83	5.55	4.69	4.91	4.12	4.77	4.18	4.88	5.27	6.01
25	4.86	4.75	4.83	5.29	5.61	5.33	5.08	5.22	4.31	5.10	5.44	6.32
EOM	4.97	5.10	4.99	5.26	5.00	4.87	4.60	4.81	4.43	4.67	5.65	6.57
MEAN	5.12	4.97	4.79	5.18	4.93	5.07	4.60	4.88	4.46	4.74	5.21	6.13
MAX	5.45	5.25	5.35	5.86	5.61	5.48	5.08	5.33	4.73	5.10	5.65	6.57
MIN	4.86	4.67	4.47	4.28	4.51	4.75	4.12	4.37	4.18	4.18	4.60	5.71
WTR YR 1979	MEAN	5.01	MAX	6.57 SEP 30	MIN	4.12 APR 20						

## PINELLAS COUNTY

WELL NUMBER.--280054082471801. Keller Engineering Deep Well at Dunedin, FL.

LOCATION.--Lat 28°00'54", long 82°47'18", in SE¼SW¼ sec.27, T.28 S., R.15 E., Hydrologic Unit 03100207, 100 ft west of Douglas Road, and 0.3 mi (0.5 km) north of Main Street at Dunedin.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused industrial, artesian well, diameter 12 in (30 cm), depth 195 ft (59 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top edge of concrete lip above well casing, at land-surface datum.

DATUM.--Land-surface datum is 13.57 ft (4.14 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1960 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, 8.13 ft (2.48 m) NGVD, Sept. 8, 1966; lowest measured, 3.05 ft (0.93 m) below NGVD, Apr. 20, 1971.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT			MAY		
11...	1450	2.29	17...	1245	5.90
DEC			JUN		
05...	0450	2.44	04...	1220	0.69
JAN			JUL		
29...	0435	1.02	30...	1325	1.05
MAR			SEP		
27...	1220	-0.08	17...	1320	3.11
MAY					
14...	1035	2.54			

WELL NUMBER.--280219082400701. City of Oldsmar Test Well at Oldsmar, FL.

LOCATION.--Lat 28°02'19", long 82°40'07", in NE¼NE¼ sec.23, T.28 S., R.16 E., Hydrologic Unit 03100206, 130 ft (40 m) west of Bayview Boulevard, and 600 ft (200 m) south of State Highway 582 at Oldsmar.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused test, artesian well, diameter 6 in (15 cm), depth 174 ft (53 m), cased to 108 ft (33 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of shelter floor, 3.56 ft (1.09 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 10 ft (3.0 m), from topographic map.

PERIOD OF RECORD.--September 1968 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, 8.83 ft (2.69 m) NGVD, May 14, 1979; lowest measured, 5.29 ft (1.61 m) NGVD, May 12, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT			MAY		
13...	0820	6.58	14...	1525	8.83
DEC			JUN		
07...	0840	6.28	06...	0810	6.15
JAN			JUL		
30...	1150	6.32	30...	1440	6.34
MAR			SEP		
26...	0850	6.36	17...	0945	7.20

## PINELLAS COUNTY

WELL NUMBER 280446082390701. East Lake Deep Well 17 near Tarpon Springs, FL.

LOCATION.--28°04'46", long 82°39'07", in SE¼NE¼ sec.1, T.28 S., R.16 E., Hydrologic Unit 03100206, 3.3 mi (5.3 km) north of intersection State Highway 580 and Race Track Road, and 7.9 mi (12.7 km) southeast of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm), depth 305 ft (93 m), cased to 57 ft (17 m).

INSTRUMENTATION.--Tape measured. Measuring point: Bottom of access hole in casing, 0.90 ft (0.27 m) above land-surface datum.

DATUM.--Land-surface datum is 17.97 ft (5.48 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--July to September 1977 (bimonthly); October 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.72 ft (5.71 m) NGVD, Sept. 18, 1979; lowest measured, 14.87 ft (4.53 m) NGVD, July 1, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT			APR		
12...	1638	17.49	23...	0745	15.62
31...	1340	17.15	MAY		
DEC			14...	1540	18.03
07...	0945	17.11	JUN		
JAN			07...	1350	17.06
04...	0935	17.34	28...	1035	16.06
FEB			AUG		
01...	1510	17.74	02...	0925	16.54
27...	1410	17.52	28...	0840	18.65
MAR			SEP		
30...	0845	17.23	18...	1310	18.72



## PINELLAS COUNTY

WELL NUMBER.--280457082420401. Brooker Creek Shallow Well near Oldsmar, FL.

LOCATION.--Lat 28°04'57", long 82°42'04", in NE¼NE¼ sec.4, T.28 S., R.16 E., Hydrologic Unit 03100206, on west side of County Road 77, 1.5 mi (2.4 km) north of State Highway 580, and 4.0 mi (6.4 km) northwest of Oldsmar.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 90 ft (27 m), cased to 82 ft (25 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.80 ft (0.24 m) above land-surface datum. Prior to June 16, 1976, top of casing, 3.50 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 6.46 ft (1.97 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--December 1968 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, 6.69 ft (2.04 m) NGVD, Sept. 15, 1971; lowest measured, 3.54 ft (1.08 m) NGVD, May 12, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			JUN , 1979		
13...	1050	5.05	06...	0935	4.85
DEC			AUG		
05...	1345	5.00	01...	1025	4.60
JAN , 1979			29...	1042	5.63
30...	1430	5.17	SEP		
MAR			17...	1444	5.87
28...	0855	4.89			
MAY					
14...	1508	5.15			

WELL NUMBER.--280457082420402. Brooker Creek Well near Oldsmar, FL.

LOCATION.--Lat 28°04'57", long 82°42'04", in NE¼NE¼ sec.4, T.28 S., R.16 E., Hydrologic Unit 03100206, on west side of County Road 77, 1.5 mi (2.4 km) north of State Highway 580, and 4.0 mi (6.4 km) northwest of Oldsmar.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 310 ft (94 m), cased to 300 ft (91 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.62 ft (1.10 m) above land-surface datum.

DATUM.--Land-surface datum is 6.46 ft (1.97 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--January 1969 to February 1973 (bimonthly); March 1973 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, 8.87 ft (2.70 m) NGVD, Sept. 27, 29, 1979; lowest, 5.43 ft (1.66 m) NGVD, Apr. 29, 1976.

ELEVATION, IN 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	7.52	7.02	7.30	6.95	7.35	7.62	7.01	6.54	7.13	6.42	6.82	8.18
10	7.28	6.99	7.13	7.06	7.09	7.64	6.82	7.73	6.92	6.99	7.43	8.07
15	7.46	6.89	6.78	7.48	7.06	7.41	6.56	7.61	6.65	7.01	7.66	8.51
20	7.20	6.73	6.92	7.75	6.99	7.23	6.08	7.27	6.25	7.15	7.73	8.31
25	6.90	6.75	7.09	7.77	7.56	7.63	6.92	7.44	6.25	7.20	7.80	8.66
EOM	7.03	6.99	7.15	7.54	7.34	7.13	6.76	7.26	6.74	6.85	8.12	8.86
MEAN	7.27	6.91	6.96	7.47	7.23	7.40	6.70	7.24	6.69	6.96	7.51	8.42
MAX	7.59	7.15	7.30	7.85	7.67	7.68	7.12	7.81	7.26	7.25	8.12	8.87
MIN	6.90	6.70	6.67	6.77	6.99	7.12	6.07	6.54	6.17	6.42	6.67	8.07
WTR YR 1979	MEAN	7.23	MAX	8.87	SEP 27 AND OTHERS	MIN	6.07	APR 21				

## PINELLAS COUNTY

WELL NUMBER.--280546082390701. East Lake Deep Well 14 near Tarpon Springs, FL.

LOCATION.--Lat 28°05'46", long 82°39'07", in SE¼NE¼ sec.36, T.27 S., R.16 E., Hydrologic Unit 03100206, 4.3 mi (6.9 km) north of intersection State Highway 580 and Race Track Road, and 7.2 mi (11.6 km) southeast of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 12 in (30 cm), depth 305 ft (93 m), cased to 57 ft (17 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of access hole in casing, 1.20 ft (0.37 m) above land-surface datum.

DATUM.--Land-surface datum is 22.53 ft (6.87 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--July 1977 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.89 ft (6.37 m) NGVD, Sept. 18, 1979; lowest measured, 15.36 ft (4.68 m) NGVD, July 1, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR . 1979		
12...	1623	18.37	23...	0800	16.11
31...	1555	18.05	MAY		
DEC			14...	1555	19.46
07...	0435	18.99	JUN		
JAN , 1979			07...	1340	18.04
04...	0955	18.92	28...	1020	16.44
FEB			AUG		
01...	1455	19.18	02...	0910	17.21
27...	1350	19.07	28...	0825	20.42
MAR			SEP		
30...	0900	18.23	18...	1320	20.89

WELL NUMBER.--280559082402603. East Lake Shallow Well 9 near Tarpon Springs, FL.

LOCATION.--Lat 28°05'59", long 82°40'26", in NE¼NW¼ sec.35, T.27 S., R.16 E., Hydrologic Unit 03100206, 3.3 mi (5.3 km) northeast of intersection State Highway 584 and East Lake Road, and 6.1 mi (9.8 km) southeast of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 10 ft (3 m), cased to 8 ft (2 m).

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

DATUM.--Land-surface datum is 17.36 ft (5.29 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 17.07 ft (5.20 m) NGVD, Sept. 24, 1979; lowest, 12.22 ft (3.72 m) NGVD, Nov. 30, 1978.

ELEVATION, IN 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	14.12	12.82	12.99	14.93	15.37	15.83	14.62	13.28	14.89	13.26	13.14	16.50
10	13.69	12.68	13.03	15.05	15.38	16.38	14.23	16.70	14.33	13.56	15.92	16.62
15	13.78	12.55	12.85	16.39	15.11	15.40	13.98	15.36	13.95	13.26	16.65	16.81
20	13.37	12.44	12.63	15.84	14.95	14.94	13.61	14.70	13.51	14.20	16.78	15.74
25	13.15	12.33	12.84	16.60	16.76	15.36	14.16	16.03	13.15	14.66	16.80	16.94
EOM	13.00	12.22	14.27	15.86	16.14	14.60	13.59	16.14	13.69	13.54	16.86	16.75
MEAN	13.60	12.56	13.04	15.80	15.51	15.51	14.05	15.05	14.05	13.82	15.95	16.65
MAX	14.62	12.97	14.39	16.79	16.76	16.84	14.62	16.89	16.10	14.78	16.97	17.07
MIN	13.00	12.22	12.53	14.21	14.94	14.60	13.49	13.28	12.99	13.14	13.14	15.74
WTR YR 1979	MEAN	14.63	MAX	17.07	SEP 24	MIN	12.22	NOV 30				

## PINELLAS COUNTY

WELL NUMBER.--280614082411601. East Lake Monitor M2 Deep Well near Tarpon Springs, FL.

LOCATION.--Lat 28°06'14", long 82°41'16", in SW¼SE¼ sec.27, T.27 S., R.16 E., Hydrologic Unit 03100206, 0.4 mi (0.6 km) east of East Lake Road, 3.2 mi (5.1 km) south of State Highway 582, and 5.2 mi (8.4 km) southeast of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 538 ft (164 m), cased to 507 ft (155 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.29 ft (0.70 m) above land-surface datum.

DATUM.--Land-surface datum is 14.80 ft (4.51 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January to September 1978 (bimonthly); October 1978 to September 1979 (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.60 ft (4.15 m) NGVD, Sept. 18, 1979; lowest measured, 9.60 ft (2.93 m) NGVD, Apr. 23, 1979.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT			MAY		
13...	1505	12.23	15...	0845	12.19
31...	1310	11.73	JUN		
JAN			07...	1420	11.19
04...	1548	12.03	28...	0840	10.65
10...	1440	12.17	JUL		
FEB			16...	0930	11.19
01...	1410	12.39	AUG		
27...	1315	12.17	01...	1115	10.52
MAR			28...	1450	13.08
28...	1545	12.12	SEP		
APR			18...	0950	13.60
23...	1415	9.60			

WELL NUMBER.--280630082415401. Golf Course Deep Well M-5 near Tarpon Springs, FL.

LOCATION.--Lat 28°06'30", long 82°41'54", in SW¼NW¼ sec.27, T.27 S., R.16 E., Hydrologic Unit 03100206, 3.4 mi (5.5 km) north of inter-section State Highway 580 and East Lake Road, and 4.4 mi (7.1 km) southeast of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 500 ft (152 m), cased to 288 ft (88 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.40 ft (0.73 m) above land-surface datum.

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

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--May 1977 to January 1979 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.95 ft (3.64 m) NGVD, Sept. 22, 1977; lowest measured, 8.17 ft (2.49 m) NGVD, June 30, 1977.

## ELEVATION, IN FEET NGVD, OCTOBER 1978 TO JANUARY 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT			JAN		
13...	1445	11.50	04...	1535	11.13
31...	1255	10.68	10...	1005	11.28

## PINELLAS COUNTY

WELL NUMBER.--280631082454601. N. W. Pinellas Injection Monitor Shallow Well near Tarpon Springs, FL.

LOCATION.--Lat 28°06'31", long 82°45'46", in SW¼NW¼ sec.25, T.27 S., R.15 E., Hydrologic Unit 03100207, 0.4 mi (0.6 km) east of Alternate U. S. Highway 19, and 2.6 mi (4.2 km) south of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 12 ft (4 m), cased to 8 ft (2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.40 ft (1.04 m) above land-surface datum. Prior to Sept. 23, 1977, top of recorder shelter floor, 3.50 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 8.74 ft (2.66 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by spray irrigation of area around well. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--May 1974 to current year, incomplete. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.20 ft (1.89 m) NGVD, Sept. 25, 26, 1979; lowest, 1.32 ft (0.40 m) NGVD, June 30, 1977.

ELEVATION, IN 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	2.30	2.20	2.10	2.85	3.13	3.01	2.73	3.34	3.64	2.43	2.26	4.84
10	2.25	2.20	2.10	2.85	3.06	3.63	2.60	5.38	3.39	2.37	2.26	4.85
15	2.25	2.10	2.03	3.30	2.95	3.53	2.47	4.56	3.13	2.31	4.21	5.00
20	2.20	2.10	1.90	3.22	2.82	3.22	2.32	4.38	2.98	2.24	4.19	4.66
25	2.20	2.10	1.95	3.40	2.94	3.09	2.23	4.58	2.79	2.60	4.58	6.20
DOM	2.20	2.10	2.65	3.28	3.16	2.88	2.24	4.50	2.61	2.45	4.99	5.44
MEAN	2.24	2.15	2.09	3.13	3.01	3.26	2.48	4.31	3.21	2.40	3.71	5.08
MAX	2.30	2.20	2.65	3.44	3.23	3.67	2.85	5.92	4.40	2.62	4.99	6.20
MIN	2.20	2.10	1.88	2.65	2.77	2.88	2.22	2.43	2.61	2.20	2.23	4.62
WTR YR 1979	MEAN	3.09	MAX	6.20	SEP 25 AND OTHERS	MIN	1.88	DEC 24				

NOTE.--Record estimated Oct. 1-14, Oct. 19 to Dec. 12, May 27 to June 4.

WELL NUMBER.--280632082455001. N. W. Pinellas Injection Monitor Deep Well near Tarpon Springs, FL.

LOCATION.--Lat 28°06'32", long 82°45'50", in SW¼NW¼ sec.25, T.27 S., R.15 E., Hydrologic Unit 03100207, 0.4 mi (0.6 km) east of Alternate U. S. Highway 19, and 2.6 mi (4.2 km) south of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 96 ft (29 m).

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

DATUM.--Land-surface datum is 14.98 ft (4.57 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 4.40 ft (1.34 m) estimated, NGVD, Sept. 28, 29, 30, 1979, water level rising; lowest, 1.20 ft (0.37 m) NGVD, Apr. 11, 1977.

ELEVATION, IN 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	2.29	2.09	2.39	2.03	2.18	2.33	2.02	1.88	2.68	1.98	2.11	3.37
10	2.09	1.98	1.87	2.12	2.15	2.36	2.07	2.90	2.39	2.17	2.28	3.36
15	2.43	2.16	1.93	2.31	2.13	2.36	1.99	3.30	2.45	1.91	2.78	3.47
20	2.15	1.97	1.90	2.62	2.04	2.25	1.84	2.92	2.23	1.99	2.94	3.55
25	1.92	1.88	1.91	2.51	2.58	2.43	2.31	3.08	2.27	2.22	3.06	4.15
DOM	1.98	2.26	2.15	2.54	2.21	2.19	2.03	2.90	2.06	2.03	3.01	4.40
MEAN	2.17	2.05	1.98	2.39	2.22	2.30	2.04	2.78	2.41	2.04	2.65	3.63
MAX	2.43	2.27	2.39	2.82	2.58	2.56	2.31	3.42	2.80	2.25	3.12	4.40
MIN	1.90	1.82	1.71	1.90	1.95	2.16	1.84	1.88	2.06	1.78	2.00	3.08
WTR YR 1979	MEAN	2.39	MAX	4.40	SEP 28 AND OTHERS	MIN	1.71	DEC 27				

NOTE.--Record estimated May 9-13, Sept. 26-30.

## PINELLAS COUNTY

WELL NUMBER.--280734082442101. ROMP Deep Well 15-3 near Tarpon Springs, FL.

LOCATION.--Lat 28°07'34", long 82°44'21", in NW¼NE¼ sec.19, T.27 S., R.16 E., Hydrologic Unit 03100207, 400 ft (120 m) east of U. S. Highway 19, and 1.4 mi (2.3 km) south of Tarpon Springs.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 150 ft (46 m), cased to 147 ft (45 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.40 ft (1.04 m) above land-surface datum.

DATUM.--Land-surface datum is 25.02 ft (7.63 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.27 ft (1.61 m) NGVD, Sept. 27, 1979; lowest, 3.28 ft (1.00 m) NGVD, Jan. 4, 1979.

ELEVATION, IN 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	4.39	4.14	4.30	3.67	3.84	4.16	3.93	3.71	4.13	3.63	3.93	4.76
10	4.15	3.90	3.39	3.71	3.62	4.20	4.01	4.83	4.31	4.10	4.07	4.57
15	4.35	4.26	3.89	3.79	3.76	4.09	3.97	4.61	4.00	3.72	4.45	4.76
20	4.14	3.82	3.75	4.25	3.82	3.99	3.77	4.22	3.84	3.77	4.55	4.76
25	3.89	3.75	3.59	4.08	4.75	4.25	4.70	4.52	3.89	4.13	4.64	5.11
EOM	3.95	4.29	4.04	4.10	4.03	4.11	4.08	4.26	3.70	3.83	4.71	5.05
MEAN	4.18	4.01	3.80	4.02	3.92	4.09	4.04	4.31	4.02	3.88	4.36	4.85
MAX	4.51	4.31	4.34	4.83	4.75	4.40	4.70	4.88	4.37	4.27	4.71	5.27
MIN	3.83	3.68	3.38	3.28	3.60	3.82	3.69	3.69	3.70	3.56	3.74	4.57
WTR YR 1979	MEAN	4.12	MAX	5.27	SEP 27	MIN	3.28	JAN 4				

WELL NUMBER.--280747082452001. ROMP Deep Well 15-2 near Tarpon Springs, FL.

LOCATION.--Lat 28°07'47", long 82°45'20", in NE¼NW¼ sec.24, T.27 S., R.15 E., Hydrologic Unit 03100207, 30 ft (9 m) north of Curlew Place, 400 ft (120 m) east of U. S. Alternate Highway 19, and 1.1 mi (1.8 km) south of Tarpon Springs.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 54 ft (16 m), cased to 50 ft (15 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.30 ft (1.01 m) above land-surface datum.

DATUM.--Land-surface datum is 12.98 ft (3.96 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 4.67 ft (1.42 m) NGVD, Sept. 29, 30, 1979; lowest, 2.15 ft (0.66 m) NGVD, June 14, 1978.

ELEVATION, IN 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	2.75	2.49	2.90	2.54	2.58	2.71	2.49	2.50	3.19	2.41	2.61	3.79
10	2.54	2.42	2.44	2.58	2.44	2.83	2.54	4.07	3.15	2.75	2.77	3.58
15	2.75	2.59	2.49	2.77	2.40	2.78	2.50	4.13	2.90	2.53	3.25	3.79
20	2.59	2.51	2.41	2.95	2.33	2.58	2.38	3.64	2.71	2.53	3.40	3.81
25	2.39	2.50	2.46	2.92	2.84	2.80	2.88	3.70	2.65	2.87	3.46	4.36
EOM	2.45	2.79	2.74	2.86	2.64	2.64	2.81	3.42	2.47	2.65	3.58	4.67
MEAN	2.60	2.54	2.55	2.82	2.53	2.70	2.57	3.50	2.91	2.62	3.13	3.94
MAX	2.87	2.79	2.90	3.16	2.85	2.85	2.95	4.24	3.32	2.88	3.58	4.67
MIN	2.36	2.39	2.28	2.37	2.26	2.57	2.35	2.50	2.47	2.39	2.54	3.58
WTR YR 1979	MEAN	2.87	MAX	4.67	SEP 29 AND OTHERS	MIN	2.26	FEB 19				



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## PINELLAS COUNTY

WELL NUMBER.--280753082465201. ROMP Deep Well 15-1 near Tarpon Springs, FL.

LOCATION.--Lat 28°07'53", long 82°46'52", in NW¼SW¼ sec.14, T.27 S., R.15 E., Hydrologic Unit 03100207, 70 ft (20 m) south of Castleworks Lane, 200 ft (60 m) east of Florida Avenue, and 1.7 mi (2.7 km) southwest of Tarpon Springs.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 87 ft (27 m), cased to 68 ft (21 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.40 ft (0.73 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.--April 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 4.03 ft (1.23 m) NGVD, Sept. 29, 1979; lowest, 1.73 ft (0.53 m) NGVD, Jan. 4, 1979.

ELEVATION, IN 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	2.50	2.21	2.52	2.00	2.05	2.45	2.17	1.99	2.55	2.15	2.33	3.11
10	2.26	2.12	1.99	2.08	1.86	2.50	2.22	3.84	2.68	2.44	2.47	2.85
15	2.51	2.31	2.04	2.29	1.91	2.38	2.15	3.31	2.46	2.24	2.82	3.13
20	2.25	2.09	2.00	2.68	1.91	2.20	2.02	2.80	2.29	2.33	2.91	3.08
25	2.01	2.04	2.00	2.48	2.64	2.49	2.59	3.01	2.34	2.60	2.91	3.72
EOM	2.10	2.40	2.38	2.43	2.24	2.27	2.24	2.73	2.14	2.35	2.94	3.97
MEAN	2.30	2.19	2.11	2.39	2.08	2.35	2.22	2.89	2.45	2.35	2.71	3.27
MAX	2.59	2.40	2.52	2.91	2.64	2.63	2.59	3.84	2.73	2.61	2.96	4.03
MIN	2.01	1.99	1.85	1.73	1.78	2.14	1.95	1.99	2.14	2.04	2.29	2.85
WTR YR 1979 MEAN	2.44		MAX	4.03 SEP 29		MIN	1.73 JAN 4					

WELL NUMBER.--280820082450101. Pinellas Well 13 at Tarpon Springs, FL.

LOCATION.--Lat 28°08'20", long 82°45'01", in SE¼NE¼ sec.13, T.27 S., R.15 E., Hydrologic Unit 03100207, on Levis Avenue, 0.5 mi (0.8 km) south of Tarpon Avenue, and 0.6 mi (1.0 km) west of U. S. Highway 19 in Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 141 ft (43 m), cased to 33 ft (10 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 11.88 ft (3.62 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by tide. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--October 1947 to current year, incomplete. Records of water levels prior to January 1956 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.29 ft (1.61 m) NGVD, Sept. 29, 1979; lowest, 0.78 ft (0.24 m) NGVD, Sept. 8, 1965.

ELEVATION, IN 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	3.84	3.60	4.06	3.27	3.48	3.53	3.48	3.31	3.98	3.45	3.72	4.74
10	3.62	3.44	3.16	3.29	3.24	3.76	3.57	4.85	4.00	3.83	3.82	4.39
15	3.73	3.81	3.40	3.55	3.26	3.68	3.55	4.57	3.77	3.58	4.18	4.68
20	3.55	3.36	3.35	3.79	3.23	3.54	3.41	4.03	3.67	3.54	4.36	4.63
25	3.40	3.35	3.23	3.72	3.91	3.80	4.13	4.32	3.65	3.86	4.42	5.05
EOM	3.47	4.05	3.66	3.68	3.49	3.63	3.73	3.98	3.50	3.66	4.57	5.24
MEAN	3.63	3.56	3.47	3.63	3.41	3.62	3.61	4.12	3.79	3.67	4.13	4.75
MAX	3.94	4.05	4.06	4.31	3.91	3.80	4.13	4.93	4.02	4.00	4.57	5.29
MIN	3.32	3.21	3.14	3.01	3.17	3.52	3.38	3.31	3.50	3.45	3.56	4.39
WTR YR 1979 MEAN	3.78		MAX	5.29 SEP 29		MIN	3.01 JAN 4					



## PINELLAS COUNTY

WELL NUMBER.--280827082401501. Horst Road Shallow Well near Tarpon Springs, FL.

LOCATION.--Lat 28°08'27", long 82°40'15", in NW¼NE¼ sec.14, T.27 S., R.16 E., Hydrologic Unit 03100207, 0.2 mi (0.3 km) south of State Highway 582, and 5.2 mi (8.4 km) east of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 1.0 ft (0.3 m) corrected, above land-surface datum.

DATUM.--Altitude of land-surface datum is 19.5 ft (5.9 m), from topographic map.

PERIOD OF RECORD.--July 1974 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.22 ft (5.25 m) NGVD, Mar. 2, 1978; lowest measured, 12.36 ft (3.77 m) NGVD, June 6, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1530	14.85	23...	0905	14.73
31...	1212	14.18	MAY		
DEC			17...	1135	16.17
06...	1345	13.87	JUN		
JAN , 1979			07...	1245	15.70
04...	1236	14.24	28...	0950	14.42
31...	1305	16.17	AUG		
FEB			02...	1020	13.61
27...	1132	16.69	27...	1430	16.28
MAR					
30...	0945	15.59			

WELL NUMBER.--280843082390402. Eldridge-Wilde Shallow Well 13 near Tarpon Springs, FL.

LOCATION.--Lat 28°08'43", long 82°39'04", in SE¼SE¼ sec.12, T.27 S., R.16 E., Hydrologic Unit 03100207, in Eldridge-Wilde Well Field, 0.1 mi (0.2 km) north of State Highway 582, and 6.2 mi (10.0 km) east of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 28 ft (9 m), cased to 26 ft (8 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 1.20 ft (0.37 m) above land-surface datum.

DATUM.--Land-surface datum is 31.16 ft (9.50 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1972 to December 1973 (quarterly); March 1974 to current year (monthly). 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, 22.92 ft (6.99 m) NGVD, Sept. 18, 1974, Sept. 18, 1979; lowest measured, 11.19 ft (3.41 m) NGVD, Dec. 6, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1115	18.14	23...	0955	17.56
31...	0942	17.66	MAY		
DEC			15...	1512	20.13
06...	1015	16.66	JUN		
JAN , 1979			08...	1230	20.08
04...	1110	16.83	27...	1135	18.81
31...	1425	18.48	AUG		
FEB			02...	1140	17.41
27...	0916	18.22	27...	1100	20.95
MAR			SEP		
29...	1235	19.32	18...	1030	22.92

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## PINELLAS COUNTY

WELL NUMBER.--280846082414301. Pinellas Deep Well 028 South near Tarpon Springs, FL.

LOCATION.--Lat 28°08'46", long 82°41'43", in SW¼SW¼ sec.10, T.27 S., R.16 E., Hydrologic Unit 03100206, 10 ft (3 m) west of East Lake Road, 550 ft (170 m) south of State Highway 582, and 3.6 mi (5.8 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 740 ft (226 m), cased to 500 ft (152 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.0 ft (0.3 m) above land-surface datum.

DATUM.--Land-surface datum is 29.85 ft (9.10 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1974 to December 1977 (semiannually); January 1978 to January 1979 (monthly), incomplete, discontinued. Records of water levels prior to January 1978 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.97 ft (4.87 m) NGVD, Aug. 14, 1978; lowest measured, 9.24 ft (2.82 m) NGVD, May 11, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO JANUARY 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			JAN , 1979		
13...	1425	14.30	04...	1455	14.77
31...	1250	13.77	09...	1515	14.66
DEC					
05...	1525	13.99			

WELL NUMBER.--280852082414301. North Lake Tarpon Well near Tarpon Springs, FL.

LOCATION.--Lat 28°08'52", long 82°41'43", in NW¼SW¼ sec.10, T.27 S., R.16 E., Hydrologic Unit 03100207, at junction of State Highway 582 and County Road 77, and 3.5 mi (5.6 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 780 ft (238 m), cased to 758 ft (231 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of shelter floor, 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 48.13 ft (14.67 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--March 1967 to current year (monthly). 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, 16.59 ft (5.06 m) NGVD, Sept. 3, 1969; lowest measured, 9.07 ft (2.76 m) NGVD, June 2, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
13...	1420	12.96	23...	1340	11.25
31...	1240	12.29	MAY		
DEC			14...	1455	14.04
05...	1555	12.67	JUN		
JAN , 1979			06...	1125	13.09
04...	1515	13.33	28...	0900	11.47
FEB			AUG		
01...	1345	15.96	03...	0900	11.48
27...	1247	13.88	28...	1400	14.55
MAR			SEP		
28...	1315	12.63	17...	1515	15.19

## PINELLAS COUNTY

WELL NUMBER.--280856082401201. Eldridge-Wilde Well 2 South near Tarpon Springs, FL.

LOCATION.--Lat 28°08'56", long 82°40'12", in NE¼SE¼ sec.11, T.27 S., R.16 E., Hydrologic Unit 03100207, 0.3 mi (0.5 km) north of State Highway 582, and 5.1 mi (8.2 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm), depth 290 ft (88 m), cased to 61 ft (18 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.82 ft (0.86 m) above land-surface datum. Prior to Mar. 23, 1977, top of recorder shelter floor, 2.90 ft (0.88 m) above land-surface datum.

DATUM.--Land-surface datum is 27.70 ft (8.44 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--May 1972 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, 21.26 ft (6.48 m) NGVD, Sept. 27, 1979; lowest, 0.35 ft (0.10 m) below NGVD, Oct. 20, 1972.

ELEVATION, IN 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	11.22	7.35	13.68	11.95	15.03	12.21	5.54	5.39	11.04	4.65	7.41	17.36
10	8.01	7.22	11.05	13.74	14.23	12.50	7.32	15.67	8.58	5.66	12.36	13.08
15	16.13	6.50	12.57	14.68	12.21	10.55	3.50	15.12	11.55	10.84	17.62	16.60
20	9.24	6.16	12.28	14.02	14.00	6.97	1.49	12.79	5.01	14.19	15.68	12.26
25	6.92	5.63	12.39	16.67	13.72	13.33	14.55	16.94	6.88	11.88	16.88	17.66
EQM	9.78	5.67	7.91	14.73	15.97	8.80	9.42	16.48	10.82	5.14	17.18	18.34
MEAN	9.10	6.81	11.66	14.52	13.81	11.38	6.39	13.38	8.67	8.81	13.91	15.87
MAX	16.13	8.73	14.78	17.06	16.62	16.65	14.55	17.33	13.29	14.19	17.62	21.26
MIN	5.19	5.48	6.21	8.05	10.61	6.74	1.49	2.85	4.63	3.71	4.90	11.10
WTR YR 1979 MFAN	11.19		MAX	21.26 SEP 27		MIN	1.49 APR 20					

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## PINELLAS COUNTY

WELL NUMBER.--280904082390601. Eldridge-Wilde Deep Well 11 near Tarpon Springs, FL.

LOCATION.--Lat 28°09'04", long 82°39'06", in NE¼SE¼ sec.12, T.27 S., R.16 E., Hydrologic Unit 03100207, 0.4 mi (0.6 km) north of State Highway 582, and 6.4 mi (10.3 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm), depth 400 ft (122 m), cased to 110 ft (34 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of shelter floor, 0.50 ft (0.15 m) above land-surface datum.

DATUM.--Land-surface datum is 35.39 ft (10.79 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--January to December 1973 (quarterly); March 1974 to September 1977 (bimonthly); October 1977 to current year (monthly). 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, 18.98 ft (5.79 m) NGVD, Aug. 27, 1979; lowest measured, 2.05 ft (0.62 m) NGVD, June 18, 1973.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1120	12.69	23...	1015	5.90
31...	0950	12.94	MAY		
DEC			15...	1540	15.07
06...	1020	13.49	JUN		
JAN , 1979			08...	1240	9.13
04...	1117	13.46	27...	1145	6.69
31...	1432	14.12	AUG		
FEB			02...	1240	7.14
27...	0910	16.25	27...	1110	18.98
MAR			SEP		
29...	1250	11.65	18...	1039	16.59

WELL NUMBER.--280904082390602. Eldridge-Wilde Shallow Well 11 near Tarpon Springs, FL.

LOCATION.--Lat 28°09'04", long 82°39'06", in NE¼SE¼ sec.12, T.27 S., R.16 E., Hydrologic Unit 03100207, 0.4 mi (0.6 km) north of State Highway 582, and 6.4 mi (10.3 km) east of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 27 ft (8 m), cased to 25.5 ft (7.8 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.30 ft (0.40 m) above land-surface datum.

DATUM.--Land-surface datum is 36.62 ft (11.16 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February to September 1979 (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.40 ft (6.22 m) NGVD, Sept. 18, 1979; lowest measured, 16.97 ft (5.17 m) NGVD, Aug. 2, 1979.

## ELEVATION, IN FEET NGVD, FEBRUARY TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
FEB , 1979			JUN , 1979		
27...	0908	18.59	08...	1235	19.38
MAR			27...	1140	18.36
29...	1245	18.84	AUG		
APR			02...	1145	16.97
23...	1008	17.67	27...	1115	19.13
MAY			SEP		
15...	1536	19.39	18...	1036	20.40

## PINELLAS COUNTY

WELL NUMBER.--280907082424801. Tarpon Road Deep Well near Tarpon Springs, FL.

LOCATION.--Lat 28°09'07", long 82°42'48", in SW¼NW¼ sec.9, T.27 S., R.16 E., Hydrologic Unit 03100207, 25 ft (8 m) north of State Highway 582, and 2.6 mi (4.2 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 305 ft (93 m), cased to 205 ft (62 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.23 ft (0.98 m) above land-surface datum.

DATUM.--Land-surface datum is 21.77 ft (6.64 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 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 daily maximum water level, 13.06 ft (3.98 m) NGVD, Sept. 15, 1971; lowest, 8.60 ft (2.62 m) NGVD, June 29, 1977.

ELEVATION, IN 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	10.90	10.29	10.40	10.37	10.73	10.89	10.25	9.81	11.06	10.08	10.17	11.91
10	10.58	10.17	10.24	10.35	10.51	11.12	10.13	11.71	10.77	10.57	10.74	11.58
15	10.82	10.17	10.04	10.81	10.48	10.83	9.87	11.59	10.71	10.50	11.45	12.00
20	10.53	9.99	10.05	11.10	10.43	10.53	9.52	11.11	10.30	10.65	11.45	11.74
25	10.24	9.98	10.20	11.17	10.85	10.94	10.47	11.57	10.17	10.66	11.52	12.22
DOM	10.29	10.16	10.45	10.99	10.78	10.42	10.10	11.36	10.35	10.22	11.76	12.58
MEAN	10.60	10.13	10.15	10.81	10.62	10.77	10.06	11.08	10.61	10.47	11.09	12.00
MAX	11.04	10.31	10.45	11.22	11.00	11.13	10.48	11.79	11.29	10.72	11.76	12.61
MIN	10.24	9.88	9.86	10.20	10.36	10.42	9.52	9.81	10.02	10.04	10.08	11.58
WTR YR 1979	MEAN	10.70	MAX	12.61	SEP 28	MIN	9.52	APR 20				

WELL NUMBER.--280907082424802. Tarpon Road Shallow Well near Tarpon Springs, FL.

LOCATION.--Lat 28°09'07", long 82°42'48", in SW¼NW¼ sec.9, T.27 S., R.16 E., Hydrologic Unit 03100207, 25 ft (8 m) north of State Highway 582, and 2.6 mi (4.2 km) east of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 12 ft (4 m), cased to 10 ft (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 21.48 ft (6.55 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 1965 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, 16.93 ft (5.16 m) NGVD, Sept. 15, 1971; well dry July 9, 1973, June 1, July 28, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
16...	1432	11.78	14...	1450	13.97
DEC			JUN		
06...	1435	10.65	07...	1135	13.37
JAN , 1979			AUG		
04...	1430	10.98	01...	1150	11.82
FEB			SEP		
01...	1245	12.02	17...	1535	13.48
MAR					
28...	1450	11.65			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## PINELLAS COUNTY

WELL NUMBER.--280908082394601. Eldridge-Wilde Monitor Well 5 near Tarpon Springs, FL.

LOCATION.--Lat 28°09'08", long 82°39'46", in SW¼NW¼ sec.12, T.27 S., R.16 E., Hydrologic Unit 03100207, 0.6 mi (1.0 km) north of State Highway 582, and 5.7 mi (9.2 km) west of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 229 ft (70 m), cased to 58 ft (18 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 29.00 ft (8.84 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--December 1973 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, 21.38 ft (6.52 m) NGVD, Sept. 27, 1979; lowest, 11.19 ft (3.41 m) below NGVD, Jan. 9, 1975.

ELEVATION, IN 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	8.91	5.06	13.06	6.14	13.02	8.42	-0.33	-0.25	3.55	.66	4.99	14.36
10	8.07	6.18	7.18	11.11	13.78	7.13	5.61	14.26	7.24	1.26	8.11	11.90
15	16.89	5.81	11.10	15.70	8.03	6.59	-3.01	12.51	9.74	4.97	16.42	18.05
20	3.16	4.00	9.62	9.35	10.94	2.55	-5.64	9.09	.76	11.79	14.75	11.72
25	4.05	3.15	9.03	14.93	10.54	10.73	14.59	13.59	.58	8.30	15.39	16.78
EOM	4.55	3.56	3.74	13.18	14.10	4.51	6.42	10.57	6.65	-0.01	16.27	14.92
MEAN	6.28	4.80	8.98	12.49	11.36	8.65	2.31	10.99	4.10	4.73	11.94	15.12
MAX	16.89	8.47	13.28	16.88	16.47	15.18	14.59	16.99	10.64	13.01	17.63	21.38
MIN	1.43	2.96	2.76	3.87	5.26	2.54	-5.64	-3.77	-1.78	-2.13	-1.58	7.98
WTR YR 1979	MEAN	8.48	MAX	21.38	SEP 27	MIN	-5.64	APR 20				

WELL NUMBER.--280918082403401. Sauls Dairy Shallow Well near Tarpon Springs, FL.

LOCATION.--Lat 28°09'18", long 82°40'34", in SE¼NW¼ sec.11, T.27 S., R.16 E., Hydrologic Unit 03100207, 0.6 mi (1.0 km) north of State Highway 582, and 5.0 mi (8.0 km) east of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 2.0 ft (0.6 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 24 ft (7.3 m), from topographic map.

PERIOD OF RECORD.--July 1974 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.89 ft (7.59 m) NGVD, Jan. 31, 1979; lowest measured, 19.83 ft (6.04 m) NGVD, Apr. 25, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1040	21.37	23...	1220	20.40
31...	0930	21.96	JUN		
DEC			11...	1020	21.04
06...	0935	22.83	27...	1330	19.99
JAN , 1979			AUG		
04...	1228	23.17	03...	1130	20.66
31...	1328	24.89	27...	1400	23.13
APR					
02...	1210	21.67			



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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## PINELLAS COUNTY

WELL NUMBER.--280929082391601. Eldridge-Wilde Shallow Well 114 near Tarpon Springs, FL.

LOCATION.--Lat 28°09'29", long 82°39'16", in NW¼NE¼ sec.12, T.27 S., R.16 E., Hydrologic Unit 03100207, in Eldridge-Wilde Well Field, 0.9 mi (1.4 km) north of State Highway 582, and 5.8 mi (9.3 km) east of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 19 ft (6 m), cased to 16 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.40 ft (0.12 m) above land-surface datum.

DATUM.--Land-surface datum is 27.25 ft (8.31 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1974 to current year (monthly), incomplete.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.05 ft (6.11 m) NGVD, Oct. 23, 1975; lowest measured, 11.01 ft (3.36 m) NGVD, June 30, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1200	15.88	23...	1025	13.61
31...	0955	15.56	MAY		
DEC			15...	1230	17.04
06...	1025	14.29	JUN		
JAN , 1979			08...	1250	16.39
04...	1122	14.81	27...	1200	14.95
31...	1437	16.55	AUG		
FEB			02...	1255	14.17
27...	0915	16.08	27...	1125	16.72
MAR			SEP		
29...	1305	15.37	18...	1800	18.52

WELL NUMBER.--280942082411801. Eldridge-Wilde Northwest Deep Well near Tarpon Springs, FL.

LOCATION.--Lat 28°09'42", long 82°41'18", in SE¼SE¼ sec.3, T.27 S., R.16 E., Hydrologic Unit 03100207, 1.1 mi (1.8 km) north of State Highway 582, and 4.2 mi (6.8 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 860 ft (262 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.4 ft (0.4 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 22 ft (6.7 m), from topographic map.

PERIOD OF RECORD.--January 1978 to January 1979 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.55 ft (5.04 m) NGVD, Aug. 14, 1978; lowest measured, 12.16 ft (3.71 m) NGVD, May 23, 1978.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO JANUARY 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			JAN , 1979		
12...	1000	13.86	04...	1248	14.69
31...	1135	13.52			
DEC					
06...	0910	14.08			

## PINELLAS COUNTY

WELL NUMBER.--280946082391301. Eldridge-Wilde Well 113A near Tarpon Springs, FL.

LOCATION.--Lat 28°09'46", long 82°39'13", in NE¼SE¼ sec.1, T.27 S., R.16 E., Hydrologic Unit 03100207, 1.2 mi (1.9 km) north of State Highway 582, and 6.4 mi (10.3 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm), depth 114 ft (35 m), cased to 58 ft (18 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of 8 in (20 cm) extension, 1.70 ft (0.52 m) above land-surface datum. Prior to March 24, 1977, top of casing at land-surface datum.

DATUM.--Land-surface datum is 34.34 ft (10.47 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--November 1972 to current year, incomplete. 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, 22.07 ft (6.73 m) NGVD, Sept. 27, 1979; lowest, 2.59 ft (0.79 m) below NGVD, June 15, 1973.

ELEVATION, IN 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	13.72	11.13	12.35	14.96	16.88	16.12	12.42	5.65	11.58	10.43	9.59	15.54
10	13.22	9.44	10.79	14.45	14.60	15.93	5.47	16.25	10.44	11.65	10.89	15.06
15	19.89	8.30	13.60	16.16	10.07	11.03	5.89	15.36	13.70	12.84	17.61	20.05
20	11.72	8.68	11.72	14.47	10.67	6.32	3.10	10.43	7.57	13.44	12.88	16.51
25	13.90	8.44	14.54	16.03	15.91	10.28	14.42	15.40	4.91	12.99	17.65	19.40
EOM	13.11	9.71	13.02	16.92	17.04	6.31	10.49	15.99	12.37	6.86	15.43	20.85
MEAN	13.90	9.54	12.81	15.24	14.37	11.67	7.64	13.43	9.99	10.96	14.05	18.19
MAX	19.89	12.08	15.64	18.16	17.33	17.45	14.69	17.89	15.03	14.22	17.72	22.07
MIN	10.50	6.95	9.73	11.69	9.09	6.00	3.00	5.65	4.91	5.10	6.69	14.35
WTR YR 1979	MEAN	12.65	MAX	22.07	SEP 27	MIN	3.00	APR 14				

WELL NUMBER.--281009082392301. Eldridge-Wilde Deep Well 104 A near Tarpon Springs, FL.

LOCATION.--Lat 28°10'09", long 82°39'23", in NW¼NE¼ sec.1, T.27 S., R.16 E., Hydrologic Unit 03100207, 1.7 mi (2.7 km) north of State Highway 582, and 6.4 mi (10.3 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.7 ft (0.8 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 32 ft (9.7 m), from topographic map.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--March to December 1973 (quarterly); March 1974 to September 1977 (bimonthly); October 1977 to current year (monthly). 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, 20.86 ft (6.36 m) NGVD, Nov. 25, 1975, Sept. 18, 1979; lowest measured, 3.32 ft (1.01 m) below NGVD, June 18, 1973.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT			APR		
12...	1325	14.26	23...	1045	1.15
31...	1015	7.57	MAY		
DEC			15...	1545	8.71
06...	1235	14.67	JUN		
JAN			08...	1350	5.23
04...	1200	15.48	27...	1210	3.68
31...	1535	17.48	AUG		
FEB			02...	1345	4.52
27...	1005	19.21	27...	1135	9.53
MAR			SEP		
29...	1440	4.44	18...	1553	20.86

## PINELLAS COUNTY

WELL NUMBER.--281010082390601. Eldridge-Wilde Well N2 near Tarpon Springs, FL.

LOCATION.--Lat 28°10'10", long 82°39'06", in NE¼NE¼ sec.1, T.27 S., R.16 E., Hydrologic Unit 03100207, 1.7 mi (2.7 km) north of State Highway 582, and 6.6 mi (10.6 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 292 ft (89 m), cased to 62 ft (19 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 1.80 ft (0.55 m) above land-surface datum.

DATUM.--Land-surface datum is 38.14 ft (11.62 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--March 1973 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, 23.61 ft (7.20 m) NGVD, Sept. 30, 1979, water level rising; lowest, 4.84 ft (1.48 m) NGVD, June 5, 1973.

ELEVATION, IN 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	17.40	14.39	15.22	15.45	18.68	19.58	15.24	8.16	14.24	12.68	11.21	19.78
10	16.29	13.67	14.72	16.58	17.04	19.05	9.52	18.86	11.72	14.36	13.73	18.10
15	21.51	11.65	13.41	19.41	13.00	14.83	8.84	18.76	15.47	14.94	19.37	21.51
20	15.62	10.56	14.98	18.01	16.14	11.76	7.53	12.89	11.23	15.54	14.35	19.56
25	15.94	14.05	16.40	20.09	18.88	14.47	15.99	20.64	9.59	14.69	18.90	21.45
EOM	16.24	12.42	15.94	18.68	19.93	11.04	13.19	19.35	13.59	9.77	20.07	23.61
MEAN	16.67	12.88	14.97	18.19	17.24	15.43	11.41	16.72	13.27	13.61	16.42	20.70
MAX	21.51	16.42	17.47	20.59	19.93	20.08	16.44	20.64	19.34	17.01	20.07	23.61
MIN	12.41	9.71	11.87	14.30	11.90	11.04	7.53	8.16	9.34	8.97	9.37	17.46
WTR YR 1979	MEAN	15.62	MAX	23.61	SEP 30	MIN	7.53	APR 20				

## PINELLAS COUNTY

WELL NUMBER.--281020082395701. Eldridge-Wilde Deep Well 005 near Tarpon Springs, FL.

LOCATION.--Lat 28°10'20", long 82°39'57", in NW¼NW¼ sec.1, T.27 S., R.16 E., Hydrologic Unit 03100207, in Eldridge-Wilde Well Field, 1.9 mi (3.1 km) north of State Highway 582, and 5.0 mi (8.0 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 31 ft (9 m), cased to 29 ft (9 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 2.65 ft (0.81 m) above land-surface datum.

DATUM.--Land-surface datum is 28.09 ft (8.56 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--May 1972 to March 1974 (quarterly); July 1974 to current year (monthly). 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, 20.59 ft (6.28 m) NGVD, Sept. 18, 1979; lowest measured, 8.93 ft (2.72 m) NGVD, June 18, 1973.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1336	15.96	23...	1100	12.42
31...	1045	15.21	MAY		
DEC			15...	1223	18.86
06...	1247	15.75	JUN		
JAN , 1979			08...	1405	15.15
04...	1207	16.48	27...	1230	13.88
31...	1540	17.96	AUG		
FEB			02...	1355	12.95
21...	1020	18.40	27...	1145	18.37
MAR			SEP		
29...	1450	14.55	18...	1611	20.59

WELL NUMBER.--281020082395702. Eldridge-Wilde Shallow Well 005 near Tarpon Springs, FL.

LOCATION.--Lat 28°10'20", long 82°39'57", in NW¼NW¼ sec.1, T.27 S., R.16 E., Hydrologic Unit 03100207, in Eldridge-Wilde Well Field, 1.9 mi (3.1 km) north of State Highway 582, and 5.0 mi (8.0 km) east of Tarpon Springs.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 19 ft (6 m), cased to 17 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter, 1.90 ft (0.58 m) above land-surface datum.

DATUM.--Land-surface datum is 28.09 ft (8.56 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1974 to current year (monthly), incomplete.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.25 ft (7.09 m) NGVD, Oct. 23, 1975; lowest measured, 11.58 ft (3.53 m) NGVD, May 29, 1974.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
12...	1335	18.75	23...	1055	16.40
31...	1037	18.20	MAY		
DEC			15...	1221	20.91
06...	1245	16.62	JUN		
JAN , 1979			08...	1400	19.89
04...	1205	17.07	27...	1225	18.41
31...	1545	19.92	AUG		
FEB			02...	1355	17.57
27...	1012	18.99	27...	1150	20.41
MAR			SEP		
29...	1453	18.72	18...	1608	22.26

## PINELLAS COUNTY

WELL NUMBER.--281022082400201. Eldridge-Wilde Deep Well N3 near Tarpon Springs, FL.

LOCATION.--Lat 28°10'22", long 82°40'02", in NW¼NW¼ sec.1, T.27 S., R.16 E., Hydrologic Unit 03100207, 2.4 mi (3.9 km) northeast of intersection State Highway 582 and East Lake Road, and 4.8 mi (7.7 km) east of Tarpon Springs.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 350 ft (107 m), cased to 100 ft (30 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.10 ft (0.94 m) above land-surface datum.

DATUM.--Land-surface datum is 28.78 ft (8.77 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--July 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 maximum water level, 22.74 ft (6.93 m) NGVD, Sept. 27, 1979; lowest, 9.91 ft (3.02 m) NGVD, Apr. 8, 1978.

ELEVATION, IN 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	16.84	14.53	14.50	16.34	18.04	18.06	14.59	11.23	15.13	15.00	13.60	19.59
10	16.07	13.41	14.67	15.52	17.74	18.76	12.48	19.09	13.95	16.20	15.71	17.72
15	19.24	13.39	14.66	18.42	14.55	16.11	11.36	18.52	16.15	16.70	19.44	21.10
20	15.62	11.70	14.69	17.46	16.62	14.11	10.28	15.61	14.30	16.60	16.30	19.38
25	15.49	12.60	15.77	18.96	17.67	16.01	15.98	19.35	13.60	17.10	18.14	20.90
EOM	15.09	12.10	15.39	17.76	18.81	13.38	13.17	18.73	15.70	13.50	18.70	21.37
MEAN	16.18	13.10	14.65	17.43	17.04	16.25	12.99	17.07	14.93	15.94	16.80	20.18
MAX	19.24	14.69	16.83	19.32	18.81	19.12	15.98	19.64	18.65	17.20	19.45	22.74
MIN	13.73	11.70	12.50	15.06	13.95	13.38	10.28	11.23	12.84	13.50	12.61	17.72
WTR YR 1979	MEAN	16.05	MAX	22.74	SEP 27	MIN	10.28	APR 20				

WATER RESOURCES DATA FOR FLORIDA, 1979  
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KEY TO SITE LOCATIONS ON FIGURE 17  
POLK COUNTY

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4	274151081513201	249
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6	274225081315201	250
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11	274547081470901	253
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14	275009081540901	255
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15	275207081411301	256
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31	281051081362501	269
32	281057081495002	269
33	281058081364201	270
34	281532081345001	270
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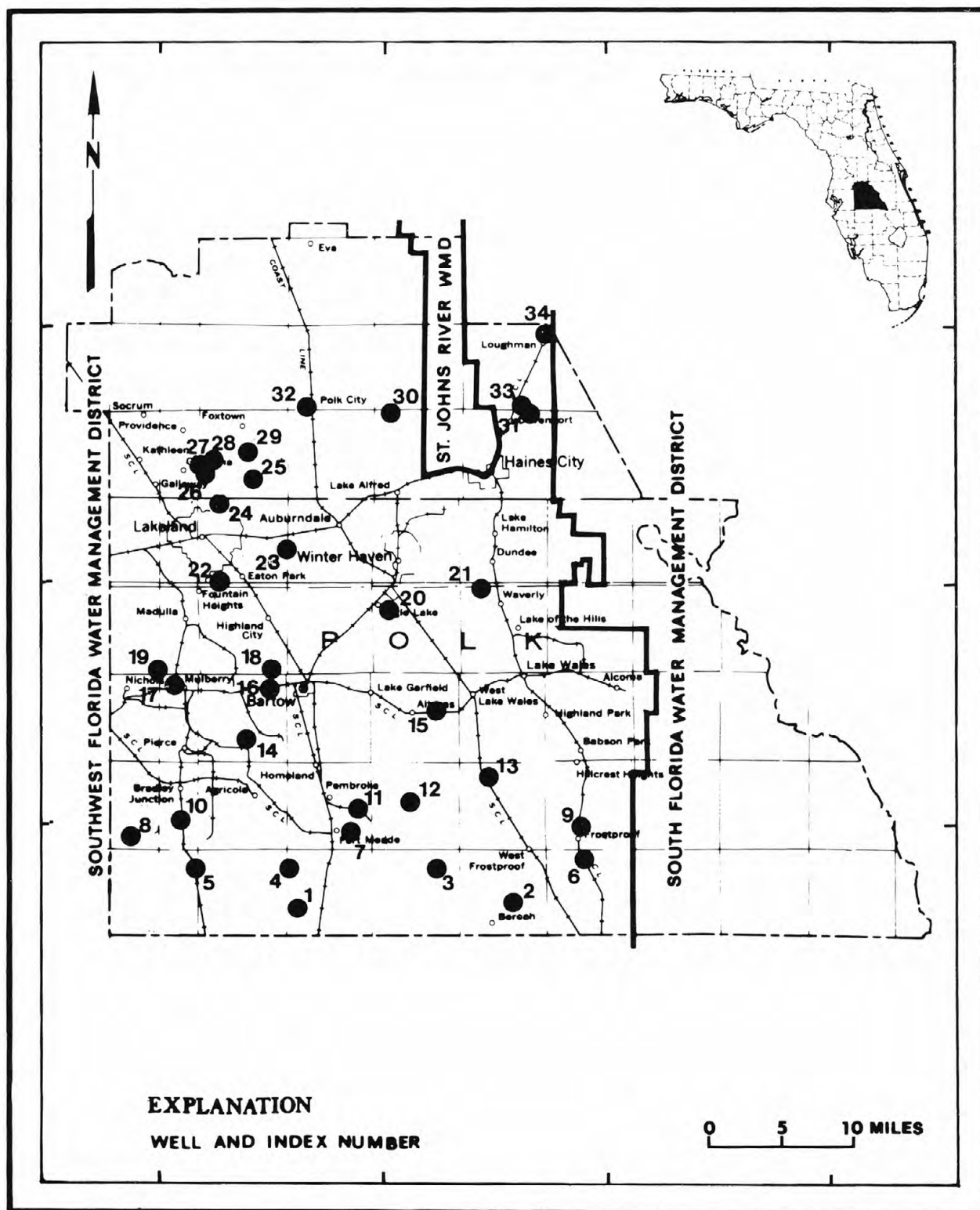


Figure 17. Location of wells in Polk County

## POLK COUNTY

WELL NUMBER.--273849081511101. Maddox Well near Bowling Green, FL.

LOCATION.--Lat 27°38'49", long 81°51'11", in SE¼SW¼ sec.31, T.32 S., R.25 E., Hydrologic Unit 03100101, 450 ft (150 m) north of Polk-Hardee County Line Road, and 1.7 mi (2.7 km) west of Bowling Green.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 8 in (20 cm), depth 737 ft (225 m), cased to 50 ft (15 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of metal plate below shelter floor, 3.00 ft (0.91 m) above land-surface datum. Prior to Sept. 14, 1971, top of recorder shelter floor, 3.50 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 117.47 ft (35.80 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

REMARKS.--Water levels affected by pumping of nearby industrial and irrigation wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--March 1963 to current year, incomplete. 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, 75.91 ft (23.14 m) NGVD, Mar. 10, 1964; lowest, 23.71 ft (7.23 m) NGVD, May 9, 1975.

ELEVATION, IN 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	60.44	56.18	51.20	53.13	57.74	57.90	51.34	45.91	56.68	59.07	59.03	61.50
10	58.85	55.99	50.40	53.74	57.72	58.54	48.86	48.91	55.72	58.80	59.50	61.88
15	59.06	55.83	50.02	54.62	58.35	59.10	47.66	51.07	55.21	58.92	60.10	62.30
20	58.85	54.71	48.86	56.02	58.34	58.74	44.39	52.72	55.10	59.51	60.50	62.63
25	57.32	53.48	51.07	56.76	57.84	57.03	44.58	54.38	56.56	59.54	60.90	63.19
EOM	56.36	50.95	52.13	57.66	57.65	53.84	46.51	55.83	58.20	59.65	61.11	63.92
MEAN	58.64	54.87	50.53	55.08	57.93	57.76	47.53	51.08	56.10	59.14	60.08	62.38
MAX	60.96	56.26	52.13	57.66	58.35	59.15	53.63	55.83	58.20	59.80	61.11	63.92
MIN	56.06	50.95	48.81	52.65	57.37	53.84	43.40	45.91	55.10	58.44	58.85	60.97
WTR YR 1979	MEAN	55.92	MAX	63.92	SEP 30	MIN	43.40	APR 23				

WELL NUMBER.--273929081363801. Altman Deep Well near Avon Park, FL.

LOCATION.--Lat 27°39'29", long 81°36'38", in NW¼NW¼ sec.34, T.32 S., R.27 E., Hydrologic Unit 03100101, 0.5 mi (0.8 km) north of Hardee-Polk County line, and 11 mi (18 km) northwest of Avon Park.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 6 in (15 cm), depth 700 ft (213 m), cased to 80 ft (24 m).

INSTRUMENTATION.--Tape measured. Measuring point: End of 4 in (10 cm) horizontal discharge pipe, 1.50 ft (0.46 m) above land-surface datum.

DATUM.--Land-surface datum is 128.8 ft (39.3 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1970 to current year (bimonthly). Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR THE PERIOD OF RECORD.--Highest water level measured, 87.52 ft (26.68 m) NGVD, Sept. 20, 1979; lowest measured, 65.90 ft (20.09 m) NGVD, May 11, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
07... 1020	79.57		16... 1835	79.61	
JAN , 1979			JUL		
10... 1335	80.92		06... 1135	83.04	
MAR			AUG		
07... 1835	84.74		28... 1855	85.69	
APR			SEP		
24... 1557	70.87		20... 1240	87.52	

## POLK COUNTY

WELL NUMBER.--274129081420201. West Well near Fort Meade, FL.

LOCATION.--Lat 27°41'29", long 81°42'02", in SW¼SE¼ sec.15, T.32 S., R.26 E., Hydrologic Unit 03100101, 800 ft (250 m) west of Avon Park-Fort Meade Cut-off Road, 3.0 mi (4.8 km) south of U. S. Highway 98, and 4.0 mi (6.4 km) east of Fort Meade.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 10 in (25 cm), depth 928 ft (283 m).

INSTRUMENTATION.--Tape measured. Measuring point: End of 6 in (15 cm) female disconnect (corrected), 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 130.99 ft (39.93 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--May 1973 to September 1977 (bimonthly), incomplete; October 1977 to current year (monthly), incomplete. 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, 73.58 ft (22.43 m) NGVD, Sept. 21, 1979; lowest measured, 40.57 ft (12.37 m) NGVD, May 14, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
DEC , 1978			MAY , 1979		
05... 1645		62.09	29... 1735		66.44
JAN , 1979			JUN		
11... 1645		65.76	26... 0930		66.90
FEB			JUL		
06... 1250		69.35	23... 1610		70.59
MAR			AUG		
07... 1330		68.01	28... 1810		71.46
APR			SEP		
25... 1025		54.33	21... 1305		73.58
MAY					
17... 1235		63.49			

WELL NUMBER.--274151081513201. Gardinier Deep Well near Bowling Green, FL.

LOCATION.--Lat 27°41'51", long 81°51'32", in SW¼NW¼ sec.18, T.32 S., R.25 E., Hydrologic Unit 03100101, 3.5 mi (5.6 km) south of State Highway 630, and 5.0 mi (8.0 km) northwest of Bowling Green.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 8 in (20 cm), depth 908 ft (277 m), cased to 410 ft (125 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.30 ft (1.00 m) above land-surface datum.

DATUM.--Land-surface datum is 133.00 ft (40.54 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

REMARKS.--Water levels affected by pumping of nearby industrial and irrigation wells.

PERIOD OF RECORD.--October 1972 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, 64.78 ft (19.74 m) NGVD, Sept. 30, 1979, water level rising; lowest, 24.51 ft (7.47 m) NGVD, May 10, 1975.

ELEVATION, IN 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	61.34	57.32	52.00	54.16	58.30	58.74	53.00	47.81	57.74	59.97	59.94	62.27
10	59.60	56.97	51.09	54.28	58.19	59.29	50.95	49.87	56.79	59.58	60.32	62.83
15	60.01	56.75	50.67	55.31	58.90	60.02	48.77	52.04	56.13	59.63	60.95	63.11
20	59.38	55.46	50.31	56.60	58.93	59.28	46.08	53.68	56.29	60.38	61.02	63.53
25	57.99	54.50	52.18	57.71	58.19	57.90	45.38	55.23	57.26	60.37	61.36	64.16
EOM	57.25	53.14	52.86	58.29	58.07	55.31	47.31	56.73	59.14	60.66	61.74	64.78
MEAN	59.43	55.83	51.52	55.86	58.47	58.55	49.09	52.09	57.02	60.02	60.92	63.22
MAX	61.89	57.37	52.86	58.29	58.93	60.02	54.85	56.76	59.14	60.80	62.19	64.78
MIN	57.16	53.14	50.07	53.60	58.07	55.31	45.23	47.40	56.03	59.39	59.57	61.64
WTR YR 1979 MEAN	56.83		MAX	64.78	SEP 30	MIN	45.23	APR 24				

WELL NUMBER.--274155081573201. Fort Green Springs Road Well near Bradley Junction, FL.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 302 ft (92 m), cased to 280 ft (85 m).

DATUM.--Land-surface datum is 134.48 ft (40.99 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

REMARKS.--Water levels affected by pumping of nearby industrial wells.

PERIOD OF RECORD.--August 1964 to September 1976 (bimonthly), incomplete; October 1976 to current year (monthly). 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, 72.76 ft (22.18 m) NGVD, Oct. 1, 1964; lowest measured, 25.76 ft (7.85 m), NGVD, May 14, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEVATION (FT. NGVD) (72020)	DATE	TIME	ELEVATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
06...	0440	56.34	17...	1530	51.54
DEC			30...	1420	55.63
05...	1120	51.25	JUN		
JAN , 1979			25...	1242	56.49
11...	1200	53.85	JUL		
FEB			24...	1330	59.32
06...	1630	57.95	AUG		
MAR			30...	1155	60.95
09...	1100	58.28	SEP		
28...	1035	56.21	19...	1330	62.31
APR					
24...	1034	44.47			

WELL NUMBER.--274225081315201. USGS Shallow Well P-48 near Frostproof, FL.

LOCATION.--Lat 27°42'26", long 81°31'52", in SW¼SW¼ sec.9, T.32 S., R.28 E., Hydrologic Unit 03090101, 60 ft (20 m) east of Alternate U. S. Highway 27, and 2.7 mi (4.3 km) south of Frostproof.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 62 ft (19 m), cased to 59 ft (18 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.12 ft (0.95 m) above land-surface datum. Prior to Oct. 1, 1977, top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 144.31 ft (43.99 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--October 1948 to current year, incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to Oct. 1, 1977, published as USGS Observation Well P48 near Lake Wales.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 106.23 ft (32.38 m) NGVD, Oct. 7, 1948; lowest, 96.26 ft (29.34 m) NGVD, July 1, 1977.

ELEVATION, IN 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	99.41	99.29	98.71	98.44	98.74	98.35	98.61	98.18	99.68	99.63	99.42	99.52
10	99.31	99.12	98.59	98.38	98.66	98.43	98.55	98.50	99.65	99.59	99.42	99.92
15	99.41	98.98	98.47	98.54	98.58	98.43	98.38	99.03	99.64	99.54	99.32	100.42
20	99.54	98.86	98.46	98.69	98.50	98.40	98.52	99.44	99.65	99.52	99.32	100.53
25	99.45	98.83	98.68	98.73	98.44	98.56	98.35	99.58	99.65	99.53	99.32	100.64
EOM	99.23	98.85	98.46	98.79	98.41	98.46	98.28	99.66	99.65	99.52	99.32	101.08
MEAN	99.40	99.00	98.59	98.58	98.59	98.43	98.45	98.99	99.65	99.56	99.37	100.24
MAX	99.54	99.29	98.85	98.79	98.79	98.56	98.61	99.66	99.68	99.65	99.52	101.08
MIN	99.23	98.76	98.40	98.38	98.41	98.35	98.28	98.16	99.61	99.50	99.30	99.42
WTR YR 1979	MEAN	99.07	MAX	101.08	SEP 30	MIN	98.16	MAY 6				

## POLK COUNTY

WELL NUMBER.--274407081474001. Mann Well at Fort Meade, FL.

LOCATION.--Lat 27°44'07", long 81°47'40", in SE $\frac{1}{4}$ SE $\frac{1}{4}$  sec.34, T.31 S., R.25 E., Hydrologic Unit 03100101, 300 ft (100 m) south of Walnut Drive, 300 ft (100 m) east of Orange Avenue, and 1.0 mi (1.6 km) southeast of Fort Meade.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 8 in (20 cm), depth 750 ft (229 m), cased to 60 ft (18 m).

INSTRUMENTATION.--Tape measured. Measuring point: End of 0.5 in (1.3 cm) access hole in pump base, 0.23 ft (0.07 m) below land-surface datum. Prior to July 9, 1974, end of 6 in (15 cm) discharge pipe, 1.50 ft (0.46 m) above land-surface datum; July 9, 1974, to June 25, 1979, end of 2 in (5 cm) access pipe, 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 123.03 ft (37.50 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--January 1964 to current year (monthly). 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, 78.00 ft (23.77 m) NGVD, Mar. 3, 1964; lowest measured, 30.74 ft (9.37 m) NGVD, May 14, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV. 1978			APR. 1979		
05...	1220	60.08	25...	1150	49.77
DEC			MAY		
05...	1115	55.80	17...	1400	57.83
JAN. 1979			JUN		
12...	1445	58.51	25...	1500	59.98
FEB			AUG		
06...	1220	61.78	30...	1030	64.56
MAR					
08...	1335	62.92			
28...	1450	58.90			

WELL NUMBER.--274409082015001. Bethlehem Road Deep Well near Bradley Junction, FL.

LOCATION.--Lat 27°44'09", long 82°01'50", in SW $\frac{1}{4}$ SE $\frac{1}{4}$  sec.32, T.31 S., R.23 E., Hydrologic Unit 03100204, 0.4 mi (0.6 km) north of Bethlehem Road, and 6.0 mi (9.6 km) southwest of Bradley Junction.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 12 in (30 cm), depth 1,000 ft (305 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 0.50 ft (0.15 m) above land-surface datum.

DATUM.--Land-surface datum is 124.50 ft (37.95 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby industrial and irrigation wells.

PERIOD OF RECORD.--September 1972 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, 56.40 ft (17.19 m) NGVD, Sept. 30, 1979 (estimated), water level rising; lowest, 16.60 ft (5.06 m) NGVD, May 9, 1975.

ELEVATION, IN 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	51.81	47.79	42.60	44.85	49.79	48.78	44.44	37.12	45.36	50.10	51.21	52.45
10	51.68	47.60	42.18	45.42	49.26	49.29	43.10	38.45	45.48	50.10	50.78	53.44
15	50.88	46.51	42.49	46.18	50.83	50.10	40.36	40.46	45.38	50.84	50.90	53.83
20	50.88	46.00	41.82	47.70	51.04	49.94	37.96	42.11	47.24	50.20	50.60	53.97
25	50.09	45.38	42.07	48.65	49.81	48.90	36.09	42.95	48.62	50.49	51.10	54.90
EOM	48.46	43.86	43.48	49.02	50.16	46.55	36.34	44.71	50.12	50.61	51.64	56.40
MEAN	50.85	46.52	42.44	46.70	50.15	49.23	40.33	40.42	46.55	50.34	50.95	53.79
MAX	52.40	48.46	43.48	49.02	51.04	50.28	45.91	44.71	50.12	50.98	51.64	56.40
MIN	48.46	43.86	41.60	43.99	49.26	46.55	35.96	36.59	44.65	49.59	50.06	51.36
WTR YR 1979 MEAN	47.34			MAX	56.40	SEP 30	MIN	35.96	APR 27			

NOTE.--Record estimated July 17-23, Aug. 17-29, Sept. 24-30.



## POLK COUNTY

WELL NUMBER.--274440081314801. Coley Well at Frostproof, FL.

LOCATION.--Lat 27°44'40", long 81°31'47", in SW¼NW¼ sec.33, T.31 S., R.28 E., Hydrologic Unit 03090101, 100 ft (30 m) south of First Street, and 100 ft (30 m) west of Orange Avenue at Frostproof.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, unused artesian well, diameter 6 in (15 cm), depth 319 ft (97 m), cased to 208 ft (63 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.0 ft (0.3 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 97.5 ft (29.7 m), by barometer.

REMARKS.--Water levels affected by pumping of nearby wells.

PERIOD OF RECORD.--November 1949 to current year (bimonthly), incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1977, published as (P-51), Mrs. Flora P. Coley.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 93.82 ft (28.60 m) NGVD, Oct. 25, 1953; lowest measured, 66.33 ft (20.22 m) NGVD, May 8, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV . 1978			MAY . 1979		
06...	1320	79.60	16...	1710	81.45
JAN . 1979			JUN		
10...	1445	82.62	28...	1202	83.20
MAR			AUG		
07...	1730	84.53	29...	1200	86.47
APR			SEP		
24...	1710	73.27	20...	1155	87.57

WELL NUMBER.--274517081584001. Brewster Well near Bradley Junction, FL.

LOCATION.--Lat 27°45'17", long 81°58'40", in NW¼SE¼ sec.26, T.31 S., R.23 E., Hydrologic Unit 03100204, 0.2 mi (0.3 km) north of main road in Brewster, and 4.0 mi (6.4 km) south of Bradley Junction.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused industrial, artesian well, diameter 16 in (41 cm), depth 834 ft (254 m), cased to 394 ft (120 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of flange, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 136.68 ft (41.66 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

REMARKS.--Water levels affected by pumping of nearby industrial wells.

PERIOD OF RECORD.--October 1963 to current year (monthly), incomplete. 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, 75.77 ft (23.09 m) NGVD, Mar. 2, 1964; lowest measured, 25.38 ft (7.74 m) NGVD, May 14, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
JAN . 1979			MAY . 1979		
11...	1050	53.43	30...	1515	55.21
FEB			JUN		
06...	1715	57.58	25...	1126	56.39
MAR			JUL		
09...	1005	57.90	24...	1435	58.94
28...	0955	55.77	AUG		
APR			30...	1100	60.53
24...	0924	44.16	SEP		
MAY			19...	1245	61.91
17...	1615	51.26			



## POLK COUNTY

WELL NUMBER.--274547081470901. Ft. Meade BM Well at Ft. Meade, FL.

LOCATION.--Lat 27°45'47", long 81°47'09", in SE¼SW¼ sec.23, T.31 S., R.25 E., Hydrologic Unit 03100101, 0.1 mi (0.2 km) north of Ninth Street, and 0.8 mi (1.3 km) east of U. S. Highway 17 in Ft. Meade.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 192 ft (59 m), cased to 110 ft (34 m).

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

DATUM.--Land-surface datum is 121.58 ft (37.06 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 68.36 ft (20.84 m) NGVD, Sept. 29, 1979; lowest, 37.14 ft (11.32 m) NGVD, May 8, 1976.

ELEVATION, IN 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	64.75	60.94	56.64	58.09	62.03	62.21	57.86	53.08	61.71	63.71	63.32	65.55
10	63.66	61.13	55.64	58.52	62.17	62.82	56.39	54.74	61.13	63.83	63.95	66.50
15	63.19	60.65	55.20	59.38	62.42	63.77	54.40	57.33	60.65	63.61	64.37	66.72
20	63.46	59.38	54.37	60.50	62.39	63.15	51.97	58.30	60.69	63.87	64.58	67.09
25	61.72	59.02	55.55	60.90	62.21	62.02	51.35	60.09	61.35	64.14	65.35	67.65
EOM	61.05	57.73	57.03	61.70	62.20	59.73	52.49	61.08	62.96	64.25	65.50	68.28
MEAN	63.18	59.88	55.83	59.65	62.28	62.42	54.42	56.93	61.20	63.86	64.41	66.77
MAX	65.28	61.26	57.53	61.70	62.61	63.77	59.19	61.08	63.02	64.37	65.56	68.36
MIN	60.76	57.45	54.37	57.33	61.70	59.73	51.15	52.63	60.41	63.20	62.68	65.30
WTR YR 1979	MEAN	60.89	MAX	68.36	SEP 29	MIN	51.15	APR 23				

WELL NUMBER.--274616081434301. Varn Citrus Well near Ft. Meade, FL.

LOCATION.--Lat 27°46'16", long 81°43'43", in SE¼NE¼ sec.20, T.31 S., R.26 E., Hydrologic Unit 03100101, 1.6 mi (2.6 km) north of U. S. Highway 98, and 4.0 mi (6.4 km) east of Ft. Meade.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 10 in (25 cm), depth 890 ft (271 m), cased to 497 ft (151 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 1.15 ft (0.35 m) above land-surface datum.

DATUM.--Land-surface datum is 219.91 ft (67.03 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

REMARKS.--Water levels affected by pumping of nearby irrigation wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--April 1970 to current year, incomplete. Records of water levels prior to January 1974 are available in files of the Geological Survey.

REVISED RECORDS.--WDR FL-76-3: 1974.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 65.89 ft (20.08 m) NGVD, Sept. 30, 1979, water level rising; lowest, 25.66 ft (7.82 m) NGVD, May 9, 1975.

ELEVATION, IN 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	62.18	58.18	52.91	55.09	59.60	59.69	53.71	49.30	58.83	61.02	61.03	63.35
10	60.65	57.83	52.28	55.55	59.59	60.43	52.00	51.20	57.96	60.76	61.54	63.78
15	60.76	57.48	51.63	56.52	60.18	60.85	49.82	53.43	57.24	60.95	62.14	64.23
20	60.37	56.50	51.19	57.83	59.94	60.38	47.01	55.15	57.52	61.43	62.25	64.58
25	58.86	55.11	52.80	58.57	59.62	58.82	46.78	56.60	58.70	61.54	62.57	65.06
EOM	58.19	53.71	54.02	59.50	59.38	56.11	46.69	58.02	60.34	61.73	62.94	65.89
MEAN	60.36	56.71	52.41	56.94	59.75	59.54	50.08	53.44	58.25	61.14	62.04	64.29
MAX	62.75	58.18	54.02	59.50	60.20	60.90	55.74	58.02	60.34	61.93	63.05	65.89
MIN	57.85	53.71	50.86	54.46	59.30	56.11	46.08	48.84	57.05	60.55	60.59	62.84
WTR YR 1979	MEAN	57.90	MAX	65.89	SEP 30	MIN	46.08	APR 24				

## POLK COUNTY

WELL NUMBER.--274742081375601. Kelley Well near Alturas, FL.

LOCATION.--Lat 27°47'42", long 81°37'56", in SE¼SE¼ sec.8, T.31 S., R.27 E., Hydrologic Unit 03100101, 0.2 mi (0.3 km) east of Lake Buffum Road, and 7.2 mi (11.6 km) southwest of Alturas.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 10 in (25 cm), depth 959 ft (292 m), cased to 306 ft (93 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 1 in (2.5 cm) access hole in pump base, 0.35 ft (0.11 m) above land-surface datum.

DATUM.--Land-surface datum is 145.79 ft (44.44 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--January 1964 to current year (monthly). Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1977, published as Kelley Well near Lake Wales.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 93.72 ft (28.57 m) NGVD, Mar. 4, 1964; lowest measured, 62.34 ft (19.00 m) NGVD, May 20, 1974.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV. 1978			MAY. 1979		
06...	1415	80.86	17...	1140	81.00
DEC			29...	1558	83.40
05...	1410	78.72	JUN		
JAN. 1979			25...	1606	83.02
10...	1710	82.46	JUL		
FEB			24...	1030	86.16
06...	1125	85.54	AUG		
MAR			29...	1810	87.09
07...	1515	85.54	SEP		
28...	1540	81.78	20...	1120	88.47
APR					
25...	0832	72.78			

## POLK COUNTY

WELL NUMBER.--275009081540901. Pebbledale Road Well near Pierce, FL.

LOCATION.--Lat 27°50'09", long 81°54'09", in NE¼NW¼ sec.34, T.30 S., R.24 E., Hydrologic Unit 03100101, 300 ft (90 m) north of State Highway 640, and 4.3 mi (6.9 km) east of Pierce.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 303 ft (92 m), cased to 288 ft (88 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.72 ft (0.83 m) above land-surface datum.

DATUM.--Land-surface datum is 167.35 ft (51.01 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

REMARKS.--Water levels affected by pumping of nearby industrial wells.

PERIOD OF RECORD.--August 1964 to August 1972 (bimonthly); September 1972 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, 73.44 ft (22.38 m) NGVD, Sept. 9, 1964; lowest daily maximum water level, 24.80 ft (7.56 m) NGVD, May 10, 1975.

ELEVATION, IN 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	61.03	57.16	51.99	53.78	58.38	58.67	53.37	48.03	57.53	59.58	59.88	62.07
10	59.72	56.58	51.21	54.27	58.36	59.33	51.58	49.70	57.05	59.49	60.23	62.49
15	59.68	56.48	50.86	55.25	58.98	59.72	49.42	52.01	56.25	59.75	60.77	62.90
20	59.58	55.51	50.65	56.49	58.78	59.43	46.69	53.84	56.71	60.11	60.94	63.24
25	58.30	54.21	51.62	57.21	58.46	57.99	45.66	55.27	57.60	60.21	61.25	63.78
EOM	57.33	52.96	52.83	58.20	58.21	55.55	47.49	56.74	59.20	60.48	61.61	64.68
MEAN	59.44	55.76	51.46	55.64	58.53	58.58	49.49	52.10	57.21	59.87	60.73	63.00
MAX	61.59	57.28	52.83	58.20	59.03	59.79	55.20	56.74	59.20	60.60	61.64	64.68
MIN	57.22	52.96	50.14	53.25	57.99	55.55	45.51	47.55	56.23	59.33	59.55	61.47
WTR YR 1979	MEAN	56.81	MAX	64.68	SEP 30	MIN	45.51	APR 24				

WELL NUMBER.--275009081540902. Pebbledale Road Shallow Well near Pierce, FL.

LOCATION.--Lat 27°50'09", long 81°54'09", in NE¼NW¼ sec.34, T.30 S., R.24 E., Hydrologic Unit 03100101, 300 ft (90 m) north of State Highway 640, and 4.3 mi (6.9 km) east of Pierce.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 110 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 0.75 in (1.9 cm), depth 58 ft (18 m), cased to 58 ft (18 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of male adapter (corrected), 1.30 ft (0.40 m) above land-surface datum.

DATUM.--Land-surface datum is 168.03 ft (51.22 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1964 to current year (monthly). 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, 166.21 ft (50.66 m) NGVD, Mar. 1, 1966; lowest measured, 159.21 ft (48.53 m) NGVD, Apr. 24, 1979.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEVATION (FT. NGVD) (72020)	DATE	TIME	ELEVATION (FT. NGVD) (72020)
NOV . 1978			MAY . 1979		
06... 0-10		161.10	17... 1640		162.12
JAN . 1979			JUN		
11... 0-25		161.91	25... 1030		160.50
MAR			AUG		
08... 1030		163.33	30... 0920		162.52
APR			SEP		
24... 0-31		159.21	18... 1150		162.87

## POLK COUNTY

WELL NUMBER.--275207081411301. R. Perdue Well near Alturas, FL.

LOCATION.--Lat 27°52'07", long 81°41'13", in NW¼SE¼ sec.14, T.30 S., R.26 E., Hydrologic Unit 03100101, 0.2 mi (0.3 km) south of Seaboard Coastline Railroad, and 1.8 mi (2.9 km) east of Alturas.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 10 in (25 cm), depth 783 ft (239 m), cased to 266 ft (81 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of access hole in pump base, 0.65 ft (0.20 m) above land-surface datum.

DATUM.--Land-surface datum is 138.04 ft (42.07 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation wells. Record is equivalent to that for Perdue Well (27521108142-5501), available February 1955 to May 1975.

PERIOD OF RECORD.--January 1976 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 82.48 ft (25.14 m) NGVD, Sept. 20, 1979; lowest measured, 54.80 ft (16.70 m) NGVD, May 3, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
06...	1350	75.85	17...	1110	74.02
DEC			29...	1620	76.63
05...	1450	71.29	JUN		
21...	1455	69.67	25...	1657	76.90
JAN , 1979			JUL		
12...	1050	75.70	24...	1000	80.18
FEB			AUG		
06...	1050	78.46	29...	1900	81.28
MAR			SEP		
07...	1535	78.51	20...	1050	82.48
28...	1715	73.65			
APR					
25...	0800	65.02			

## POLK COUNTY

WELL NUMBER.--275314081514201. Bartow Avon Park Well at Bartow, FL.

LOCATION.--Lat 27°53'14", long 81°51'42", in SE¼NE¼ sec.12, T.30 S., R.24 E., Hydrologic Unit 03100101, 950 ft (290 m) west of State Highway 555, 0.6 mi (1.0 km) south of State Highway 60, and 0.8 mi (1.3 km) west of Bartow.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm), depth 1,050 ft (320 m), cased to 200 ft (61 m).

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

DATUM.--Land-surface datum is 117.41 ft (35.79 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 66.15 ft (20.16 m) NGVD, Sept. 30, 1979, water level rising; lowest, 35.30 ft (10.76 m) NGVD, May 28, 1977.

ELEVATION, IN 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	52.17	55.47	53.47	55.07	59.67	59.66	54.46	49.52	58.85	60.73	61.22	63.48
10	59.71	57.91	52.84	55.45	59.66	60.44	52.79	51.20	58.58	60.68	61.04	63.85
15	60.70	57.81	52.20	56.46	59.96	60.60	50.87	53.48	57.77	61.12	62.28	64.32
20	50.68	56.83	51.80	57.84	59.79	60.30	47.97	55.39	58.17	61.41	62.46	64.69
25	59.50	55.61	53.01	58.43	59.66	59.21	47.36	56.66	58.99	61.62	62.72	65.19
EOM	59.60	54.29	54.25	59.37	59.18	56.62	48.95	58.12	60.48	61.79	63.03	66.15
MEAN	60.53	57.07	52.49	56.69	59.68	59.64	50.85	53.55	58.61	61.20	62.18	64.43
MAX	62.71	58.55	54.25	59.43	60.09	60.75	56.44	58.12	60.48	62.03	63.03	66.15
MIN	55.44	54.29	51.47	54.62	59.18	56.62	46.90	49.01	57.70	60.40	60.95	62.92
WTR YR 1979	MEAN	58.13	MAX	66.15	SEP 30	MIN	46.90	APR 24				

WELL NUMBER.--275314081514202. Bartow Hawthorn Well at Bartow, FL.

LOCATION.--Lat 27°53'14", long 81°51'42", in SE¼NE¼ sec.12, T.30 S., R.24 E., Hydrologic Unit 03100101, 930 ft (280 m) west of State Highway 555, 0.6 mi (1.0 km) south of State Highway 60, and 0.8 mi (1.3 km) west of Bartow.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 142 ft (43 m), cased to 122 ft (37 m).

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

DATUM.--Land-surface datum is 117.84 ft (35.92 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 86.14 ft (26.26 m) NGVD, Sept. 30, 1979, water level rising; lowest, 74.85 ft (22.81 m) NGVD, June 15, 16, 17, 18, 1977.

ELEVATION, IN 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	82.25	81.24	79.80	78.95	80.00	80.17	80.05	78.47	82.07	82.60	82.29	82.93
10	82.15	81.04	79.58	79.03	80.20	80.30	79.77	78.50	82.21	82.53	82.20	83.27
15	82.11	80.75	79.35	79.16	80.20	80.45	79.47	79.21	82.27	82.40	82.28	83.72
20	81.98	80.48	79.16	79.20	80.40	80.52	79.07	80.10	82.23	82.36	82.39	84.16
25	81.87	80.19	79.08	79.70	80.25	80.60	78.82	80.79	82.45	82.38	82.59	84.80
EOM	81.43	80.03	78.95	79.85	80.33	80.32	78.65	81.47	82.60	82.36	82.75	86.14
MEAN	82.02	80.71	79.38	79.26	80.20	80.40	79.41	79.60	82.23	82.45	82.40	83.93
MAX	82.26	81.37	80.00	79.85	80.40	80.60	80.28	81.47	82.60	82.62	82.75	86.14
MIN	81.43	80.03	78.95	78.94	79.90	80.17	78.65	78.42	81.60	82.36	82.20	82.78
WTR YR 1979	MEAN	81.00	MAX	86.14	SEP 30	MIN	78.42	MAY 8				

NOTE.--Record estimated Jan. 18 to Feb. 25.

WELL NUMBER.--275314081514203. Bartow Upper Hawthorn Well at Bartow, FL.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 60 ft (18 m), cased to 50 ft (15 m).

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

DATUM.--Land-surface datum is 118.71 ft (36.18 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 87.32 ft (26.62 m) NGVD, Sept. 30, 1979, water level rising; lowest, 75.24 ft (22.93 m) NGVD, June 13, 16, 17, 18, 1977.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	82.82	81.60	80.18	79.46	80.69	80.72	80.44	78.96	82.80	83.10	82.80	83.70
10	82.72	81.37	79.92	79.54	80.72	80.92	80.23	79.22	82.78	83.11	82.80	84.05
15	82.61	81.08	79.72	79.63	80.91	81.07	79.80	80.14	82.84	82.91	83.00	84.49
20	82.50	80.90	79.64	80.19	80.84	81.15	79.42	81.06	82.86	82.92	83.00	84.96
25	82.30	80.52	79.46	80.21	80.91	81.16	79.30	81.62	83.07	82.97	83.30	85.82
EOM	81.76	80.44	79.41	80.65	80.83	80.76	79.02	82.27	83.23	82.83	83.50	87.32
MEAN	82.50	81.09	79.76	79.89	80.80	80.95	79.78	80.37	82.86	83.00	83.04	84.80
MAX	82.86	81.76	80.39	80.65	80.95	81.24	80.58	82.27	83.23	83.22	83.55	87.32
MIN	81.75	80.44	79.37	79.31	80.49	80.64	79.02	78.93	82.45	82.83	82.75	83.55
WTR YR 1979 MEAN 81.57 MAX 87.32 SEP 30 MIN 78.93 MAY 6 AND OTHERS												

WELL NUMBER.--275326081585801. Mulberry Deep Well at Mulberry, FL.

LOCATION.--Lat 27°53'26", long 81°58'58", in SE 1/4 sec.11, T.30 S., R.23 E., Hydrologic Unit 03100204, 0.3 mi (0.5 km) south of State Highway 60, and 0.5 mi (0.8 km) west of Mulberry.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused industrial, artesian well, diameter 10 in (25 cm), depth 710 ft (216 m), cased to 237 ft (72 m).

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

DATUM.--Land-surface datum is 99.72 ft (30.39 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby industrial and irrigation wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--February 1955 to December 1959 (bimonthly); February 1960 to February 1961 (annually); March 1961 to current year, incomplete. 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, 87.07 ft (26.54 m) NGVD, Oct. 23, 1959; lowest daily maximum water level, 25.90 ft (7.89 m) NGVD, May 9, 1975.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	60.77	56.93	51.55	53.46	58.09	58.42	53.34	48.04	57.22	59.16	59.80	61.88
10	59.33	56.02	51.01	53.91	58.18	58.93	51.77	49.49	57.04	59.18	60.22	62.19
15	59.33	55.75	50.80	54.97	58.57	59.07	49.84	51.76	56.33	59.74	60.66	62.62
20	59.08	54.95	50.45	56.00	58.35	58.84	47.12	53.73	56.54	59.81	60.92	63.07
25	57.98	53.95	51.54	56.85	58.36	58.01	46.05	54.95	57.42	60.07	61.24	63.62
EOM	57.05	52.40	52.82	57.77	57.93	55.37	47.53	56.41	58.95	60.21	61.36	64.54
MEAN	59.10	55.29	51.30	55.32	58.24	58.26	49.75	51.91	57.05	59.68	60.63	62.80
MAX	61.17	57.06	52.82	57.77	58.71	59.29	55.23	56.41	58.95	60.55	61.41	64.54
MIN	57.00	52.40	50.16	53.14	57.53	55.37	46.03	47.50	56.24	59.05	59.51	61.30
WTR YR 1979	MEAN	56.60	MAX	64.54	SEP 30	MIN	46.03	APR 24				



## POLK COUNTY

WELL NUMBER.--275350081514201. Kuder Citrus Deep Well at Bartow, FL.

LOCATION.--Lat 27°53'50", long 81°51'42", in SE¼SE¼ sec.1, T.30 S., R.24 E., Hydrologic Unit 03100101, 200 ft (60 m) north of State Highway 60, and 0.5 mi (0.8 km) west of Bartow.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused industrial, artesian well, diameter 16 in (41 cm), depth 662 ft (202 m), cased to 180 ft (55 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 1.16 ft (0.35 m) above land-surface datum.

DATUM.--Land-surface datum is 117.55 ft (35.83 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

PERIOD OF RECORD.--January 1970 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, 68.13 ft (20.77 m) NGVD, Jan. 20, 1970; lowest, 29.35 ft (8.95 m) NGVD, May 9, 1975.

ELEVATION, IN 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	63.99	60.31	55.64	56.76	61.24	61.31	56.57	51.38	60.66	62.49	63.01	65.37
10	62.91	59.77	54.86	57.17	61.24	61.99	54.90	52.94	60.41	62.63	63.52	65.75
15	62.65	59.68	54.26	58.14	61.56	62.27	52.98	55.22	59.74	62.94	64.13	66.20
20	62.52	58.72	53.92	59.41	61.40	62.06	50.21	57.01	60.09	63.28	64.32	66.56
25	61.44	57.48	54.75	60.02	61.31	60.98	49.43	58.36	60.77	63.52	64.61	67.11
EOM	60.44	56.29	55.99	60.98	60.98	58.67	50.82	59.84	62.15	63.81	64.93	68.12
MEAN	62.50	59.00	54.86	58.53	61.29	61.34	52.95	55.31	60.45	63.03	64.05	66.31
MAX	64.45	60.45	56.11	60.98	61.63	62.38	58.37	59.84	62.15	63.82	64.93	68.12
MIN	60.39	56.29	53.53	56.34	60.82	58.67	49.15	50.96	59.70	62.24	63.00	64.90
WTR YR 1979	MEAN	59.96	MAX	68.12 SEP 30	MIN	49.15 APR 24						

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## POLK COUNTY

WELL NUMBER.--275408081595702. Kaiser Annulus Monitor A Deep Well near Mulberry, FL.

LOCATION.--Lat 27°54'08", long 81°59'57", in SE¼NW¼ sec.3, T.30 S., R.23 E., Hydrologic Unit 03100204, 0.4 mi (0.6 km) north of State Highway 60, and 1.6 mi (2.6 km) west of Mulberry.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2.5 in (6.4 cm), depth 2,920 ft (890 m), cased to 2,791 ft (851 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of coupling, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 120.91 ft (36.85 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 120.00 ft (36.58 m) NGVD. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby industrial wells.

PERIOD OF RECORD.--April to July 1974 (quarterly); August 1974 to current year (monthly), incomplete. Records of water levels prior to October 1975 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1976, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +1.46 ft (0.44 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 58.84 ft (17.93 m) NGVD, Sept. 7, 1979; lowest measured, 50.65 ft (15.44 m) NGVD, Feb. 9, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			APR , 1979		
06...	1415	55.48	30...	1335	55.70
DEC			MAY		
06...	1040	55.24	14...	1210	57.34
JAN , 1979			30...	1140	56.93
03...	1150	51.91	JUN		
31...	1200	52.76	25...	1230	57.90
FEB			JUL		
26...	1115	53.43	25...	1145	57.43
MAR			SEP		
27...	1245	53.31	07...	1350	58.84

## POLK COUNTY

WELL NUMBER.--275408081595703. Kaiser Annulus Monitor B Deep Well near Mulberry, FL.

LOCATION.--Lat 27°54'08", long 81°59'57", in SE¼NW¼ sec.3, T.30 S., R.23 E., Hydrologic Unit 03100204, 0.4 mi (0.6 km) north of State Highway 60, and 1.6 mi (2.6 km) west of Mulberry.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2.5 in (6.4 cm), depth 1,348 ft (411 m), cased to 1,270 ft (387 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of coupling, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 120.91 ft (36.85 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 120.00 ft (36.58 m) NGVD. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby industrial wells.

PERIOD OF RECORD.--April 1975 to September 1977 (bimonthly); October 1977 to current year (monthly). Records of water levels prior to October 1975 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1976, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +1.46 ft (0.44 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.24 ft (18.97 m) NGVD, Aug. 28, 1978; lowest measured, 30.11 ft (9.18 m) NGVD, May 6, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			APR , 1979		
06...	1425	54.81	30...	1320	46.18
DEC			MAY		
06...	1030	49.44	14...	1205	50.66
JAN , 1979			30...	1135	54.96
03...	1205	50.25	JUN		
31...	1135	54.83	25...	1210	56.58
FEB			JUL		
26...	1138	55.42	25...	1130	59.24
MAR			SEP		
27...	1235	54.27	07...	1410	61.27

WELL NUMBER.--275815081444201. Lake McLeod Shallow Well near Eagle Lake, FL.

LOCATION.--Lat 27°58'15", long 81°44'42", in SE¼SE¼ sec.7, T.29 S., R.26 E., Hydrologic Unit 03100101, at intersection of Eagle Loop Road and Lake McLeod Road, and 1.0 mi (1.6 km) east of Eagle Lake.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3 cm), depth 26 ft (8 m), cased to 24 ft (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 139.25 ft (42.44 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1965 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, 131.52 ft (40.09 m) NGVD, Sept. 12, 1973; lowest measured, 122.93 ft (37.47 m) NGVD, June 1, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV			MAY		
04...	1150	126.34	14...	1530	131.49
JAN			JUN		
05...	0855	125.72	25...	1600	128.89
FEB			SEP		
27...	1515	126.75	07...	1030	131.03
MAY			17...	1250	131.08
03...	0850	125.96			

## POLK COUNTY

WELL NUMBER.--275840081391101. Rodgers Well near Waverly, FL.

LOCATION.--Lat 27°58'40", long 81°39'11", in SE¼NW¼ sec.7, T.29 S., R.27 E., Hydrologic Unit 03100101, 300 ft (90 m) south of State Highway 540, 1.3 mi (2.1 km) west of U. S. Highway 27, and 2.3 mi (3.7 km) west of Waverly.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 12 in (30 cm), depth 612 ft (187 m), cased to 91 ft (28 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of access hole in pump base, 1.0 ft (0.3 m) above land-surface datum.

DATUM.--Land-surface datum is 141.8 ft (43.2 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--November 1958, 1971, 1972 (annually); January 1973 to September 1977 (quarterly); October 1977 to current year (monthly). Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1977, published as Rogers Well near Waverly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 120.53 ft (36.74 m) NGVD, Nov. 5, 1958; lowest measured, 97.80 ft (29.81 m) NGVD, May 4, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
08...	1308	110.06	03...	1220	109.92
DEC			14...	1605	113.67
06...	1340	109.11	30...	1500	114.95
JAN , 1979			JUN		
04...	1045	112.33	25...	1710	110.78
31...	1615	114.64	JUL		
FEB			27...	1530	115.44
27...	1630	113.74	SEP		
MAR			06...	1615	117.10
28...	1225	108.77	17...	1140	117.17

WELL NUMBER.--275959081552501. Sanlon Ranch Deep Well near Eaton Park, FL.

LOCATION.--Lat 27°59'59", long 81°55'25", in SW¼SW¼ sec.33, T.28 S., R.24 E., Hydrologic Unit 03100101, 200 ft (60 m) east of State Highway 37, and 1.1 mi (1.8 km) southwest of Eaton Park.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 24 in (61 cm), depth 1,220 ft (372 m), cased to 293 ft (89 m).

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

DATUM.--Land-surface datum is 125.22 ft (38.17 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--January 1970 to current year, incomplete. 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, 94.06 ft (28.67 m) NGVD, Sept. 30, 1979; lowest, 66.38 ft (20.23 m) NGVD, May 9, 1975.

ELEVATION, IN 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	87.91	85.82	83.83	84.24	86.56	86.94	83.61	79.54	87.25	87.48	87.76	91.48
10	87.67	85.45	82.96	84.60	86.92	87.45	82.70	81.40	86.32	87.66	88.86	91.46
15	88.26	84.46	82.88	85.45	86.48	87.37	80.56	83.86	86.62	88.31	90.14	91.69
20	87.16	84.19	82.68	85.78	86.23	87.05	78.83	84.61	84.59	89.15	90.43	92.09
25	86.44	83.73	83.57	86.54	87.18	86.62	80.07	85.35	85.82	89.50	90.84	92.72
EOM	86.00	82.32	84.74	87.02	87.24	84.97	79.75	86.19	87.14	88.62	90.81	94.06
MEAN	87.28	84.52	83.27	85.64	86.79	86.92	81.28	83.14	86.23	88.32	89.73	92.07
MAX	88.45	85.90	84.74	87.57	87.51	88.29	85.08	86.19	87.82	89.66	91.07	94.06
MIN	85.62	82.32	82.11	84.19	86.00	84.97	78.51	79.54	84.59	86.22	87.74	91.11
WTR YR 1979 MEAN	86.26			94.06	SEP 30	MIN	78.51	APR 21				

## POLK COUNTY

WELL NUMBER.--280229081512801. Crosby Well near Lakeland, FL.

LOCATION.--Lat 28°02'29", long 81°51'28", in SW¼SW¼ sec.18, T.28 S., R.25 E., Hydrologic Unit 03100101, 0.2 mi (0.3 km) south of State Highway 542, and 5.9 mi (9.5 km) east of Lakeland.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused private, artesian well, diameter 4 in (10 cm), depth 265 ft (81 m), cased to 45 ft (14 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 116.92 ft (35.64 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1963 to September 1977 (bimonthly); October 1977 to current year (monthly). 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, 106.27 ft (32.39 m) NGVD, Mar. 4, 1964; lowest measured, 92.08 ft (28.07 m) NGVD, May 13, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
08...	0900	100.69	02...	1420	99.21
DEC			14...	1720	102.49
07...	1057	99.54	30...	1340	103.14
JAN , 1979			JUN		
05...	1020	100.47	27...	1420	101.35
31...	1350	102.55	JUL		
FEB			25...	1600	103.68
27...	1245	102.06	SEP		
MAR			06...	1748	104.97
28...	0935	101.70	17...	1044	105.13

WELL NUMBER.--280456081374301. Smith Well at Haines City, FL.

LOCATION.--Lat 28°04'56", long 81°37'43", in NW¼NW¼ sec.4, T.28 S., R.27 E., Hydrologic Unit 03100101, 0.1 mi (0.2 km) south of State Highway 544, and 0.4 mi (0.6 km) west of Alternate U. S. Highway 27 at Haines City.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, irrigation, artesian well, diameter 10 in (25 cm), depth 549 ft (167 m), cased to 110 ft (34 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of access hole in pump base, 0.70 ft (0.21 m) above land-surface datum. Prior to Jan. 2, 1975, end of 6 in (15 cm) discharge pipe, 8.0 ft (2.4 m) above land-surface datum.

DATUM.--Land-surface datum is 167.99 ft (51.20 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 170 ft (52 m), from topographic map. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--May 1973 to September 1977 (quarterly); October 1977 to current year (monthly). Records of water levels prior to January 1974 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -2.01 ft (0.61 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 112.73 ft (34.36 m) NGVD, Sept. 6, 1979; lowest measured, 96.03 ft (29.27 m) NGVD, Mar. 31, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
NOV , 1978			MAY , 1979		
08...	1135	111.85	30...	1430	110.67
DEC			JUN		
06...	1410	104.08	07...	0945	106.34
JAN , 1979			27...	0945	106.67
04...	1130	110.17	JUL		
31...	1515	111.05	27...	1605	111.52
FEB			SEP		
27...	1400	109.71	06...	1710	112.73
MAR			17...	1120	109.76
28...	1150	106.44			
MAY					
03...	1155	109.06			
14...	1635	109.60			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## POLK COUNTY

WELL NUMBER.--280503081552601. Local Number 805-155-03. Fish Lake Shallow Well near Lakeland, FL.

LOCATION.--Lat 28°05'03", long 81°55'26", in SE¼SE¼ sec.32, T.27 S., R.24 E., Hydrologic Unit 03100101, 200 ft (60 m) east of Lake Parker Drive, 1.4 mi (2.2 km) south of Old Combee Road, and 3.5 mi (5.6 km) northeast of Lakeland.

AQUIFER.--Hawthorn limestone aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 72 ft (22 m), cased to 62 ft (19 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.20 ft (0.67 m) above land-surface datum.

DATUM.--Land-surface datum is 135.02 ft (41.15 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumpage of nearby industrial wells.

PERIOD OF RECORD.--December 1955 to February 1956, December 1960 to February 1963 (monthly); April 1963 to September 1978 (bimonthly), October 1978 to September 1979 (bimonthly), incomplete. 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, 122.73 ft (37.41 m) NGVD, Dec. 6, 1960; lowest measured, 108.11 ft (32.95 m) NGVD, May 10, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT 16...	1405	118.27	SEP 18...	1240	121.98
DEC 12...	1445	116.89			

WELL NUMBER.--280503081552801. Local Number 805-155-02. Fish Lake Deep Well near Lakeland, FL.

LOCATION.--Lat 28°05'03", long 81°55'28", in SE¼SE¼ sec.32, T.27 S., R.24 E., Hydrologic Unit 03100101, 50 ft (15 m) east of Lake Parker Drive, 1.4 mi (2.2 km) south of Old Combee Road, and 3.5 mi (5.6 km) northeast of Lakeland.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 311 ft (95 m), cased to 265 ft (81 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.65 ft (1.11 m) above land-surface datum.

DATUM.--Land-surface datum is 134.84 ft (41.10 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumpage of nearby industrial wells.

PERIOD OF RECORD.--December 1955 to current year (bimonthly), incomplete. 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, 120.97 ft (36.87 m) NGVD, Aug. 8, 1960; lowest measured, 103.60 ft (31.58 m) NGVD, May 10, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT 16...	1400	114.28	MAY 07...	1240	113.97
DEC 12...	1440	113.38	JUN 07...	1140	117.10
FEB 15...	1245	116.24	AUG 18...	1230	119.14
APR 19...	1518	111.87	SEP 18...	1230	119.14



## POLK COUNTY

WELL NUMBER.--280531081431601. Local Number 805-143-01. Lake Alfred Deep Well at Lake Alfred, FL.

LOCATION.--Lat 28°05'31", long 81°43'16", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$  sec.33, T.27 S., R.26 E., Hydrologic Unit 03100101, on northeast corner at intersection of Glencruiten Avenue and Haines Boulevard at Lake Alfred.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused public supply, artesian well, diameter 12 in (30 cm), depth 555 ft (169 m), cased to 282 ft (86 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 0.34 ft (0.10 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 180 ft (54.9 m), from topographic map.

REMARKS.--Water levels affected by pumpage of nearby public supply wells.

PERIOD OF RECORD.--May 1973 to February 1976 (quarterly), incomplete; March 1976 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, 44.53 ft (13.57 m) below land-surface datum, July 10, 1974; lowest, 61.03 ft (18.60 m) below land-surface datum, Apr. 20, 1976.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979  
MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	49.95	51.22	51.95	50.39	49.16	49.68	55.60	51.74	49.43	49.61	49.61	47.06
10	50.40	51.55	52.01	49.90	49.19	49.02	55.61	49.89	51.81	48.74	48.32	47.10
15	51.31	52.05	52.48	49.42	49.66	49.31	56.46	48.74	53.03	48.49	47.52	46.93
20	52.15	53.01	54.02	49.11	49.97	50.21	57.97	48.83	52.55	47.96	47.55	46.98
25	53.10	53.31	52.27	49.08	50.20	52.11	54.93	49.06	52.28	47.58	47.80	46.72
EOM	52.38	54.88	50.67	48.84	49.62	54.25	52.51	48.81	51.33	48.67	47.63	46.09
MIN	49.58	51.06	50.67	48.84	49.05	48.91	52.51	48.57	48.86	47.58	47.47	46.09
WTR YR 1979	MEAN	50.59	HIGH	46.09	SEP 30	LOW	58.99	APR 21				

WELL NUMBER.--280556081532601. Local Number 805-153-211. Tennorock Road Well near Lakeland, FL.

LOCATION.--Lat 28°05'56", long 81°53'26", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$  sec.27, T.27 S., R.24 E., Hydrologic Unit 03100101, on south side of Tennorock Road, 0.9 mi (1.4 km) east of Alternate State Highway 33, and 5.4 mi (8.7 km) northeast of Lakeland.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 72 ft (22 m), cased to 45 ft (14 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.85 ft (0.87 m) above land-surface datum.

DATUM.--Land-surface datum is 131.46 ft (40.07 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumpage of nearby industrial wells.

PERIOD OF RECORD.--February 1956 to February 1960 (monthly), incomplete; June 1960 to May 1961 and January 1963 to September 1977 (about thrice yearly); October 1977 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, 124.41 ft (37.92 m) NGVD, Sept. 18, 1979; lowest measured, 96.15 ft (29.31 m) NGVD, May 7, 1968.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT 16...	1350	117.60	MAY 07...	1215	119.61
DEC 12...	1415	118.82	JUN 07...	1120	112.25
FEB 15...	1150	121.68	SEP 18...	1200	124.41
APR 19...	1530	117.69			

## POLK COUNTY

WELL NUMBER.--280614081563602. Local Number 806-156-342A. State Highway 33 and Lakeland Hills Boulevard Deep Well near Lakeland, FL.

LOCATION.--Lat 28°06'14", long 81°56'36", in SE¼NW¼SE¼ sec.30, T.27 S., R.24 E., Hydrologic Unit 03100208, on south side of State Highway 33, 0.8 mi (1.3 km) northeast of Lakeland Hills Boulevard, and 4.1 mi (6.6 km) north of Lakeland.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 103 ft (31 m), cased to 63 ft (19 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.90 ft (0.88 m) above land-surface datum.

DATUM.--Land-surface datum is 136.04 ft (41.46 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumpage of nearby industrial wells.

PERIOD OF RECORD.--January 1956 to current year (bimonthly), incomplete. 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, 120.85 ft (36.84 m) NGVD, Oct. 22, 1959; lowest measured, 103.11 ft (31.43 m) NGVD, May 10, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT 16...	1420	114.30	MAY 07...	1130	113.73
DEC 12...	1535	112.62	JUN 07...	1155	116.67
FEB 15...	1337	116.01	SEP 18...	1955	119.40
APR 19...	1645	110.31			

WELL NUMBER.--280715081543501. Local Number 807-154-433. State Highway 33 and Combee Road Deep Well near Lakeland, FL.

LOCATION.--Lat 28°07'07", long 81°54'30", in NE¼SE¼ sec.21, T.27 S., R.24 E., Hydrologic Unit 03100101, at the intersection of State Highway 33 and Combee Road, 1.5 mi (2.4 km) southwest of Interstate Highway 4, and 7.3 mi (11.7 km) northeast of Lakeland.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 55 ft (17 m), cased to 31 ft (9 m).

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

DATUM.--Land-surface datum is 136.20 ft (41.51 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumpage of nearby industrial wells.

PERIOD OF RECORD.--January 1956 to September 1977 (thrice yearly); October 1977 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, 136.92 ft (41.73 m) NGVD, July 7, 1959; lowest measured, 118.56 ft (36.14 m) NGVD, Nov. 16, 1964.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT 16...	1545	133.81	MAY 07...	1200	134.12
DEC 12...	1400	133.35	JUN 07...	1105	134.23
FEB 15...	1131	134.35	SEP 18...	1300	135.41
APR 19...	1650	133.58			

## POLK COUNTY

WELL NUMBER.--280719081543301. Local Number 807-154-433A. State Highway 33 and Combee Road Shallow Well near Lakeland, FL.

LOCATION.--Lat 28°07'06", long 81°54'31", in NE¼SE¼ sec.21, T.27 S., R.24 E., Hydrologic Unit 03100101, at the intersection of State Highway 33 and Combee Road, 1.5 mi (2.4 km) southwest of Interstate Highway 4, and 7.3 mi (11.7 km) northeast of Lakeland.

AQUIFER.--Nonartesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 120 NRSO.

WELL CHARACTERISTICS.--Drilled, observation, non-artesian well, diameter 1.25 in (3 cm), depth 9 ft (3 m), cased to 8 ft (2 m).

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

DATUM.--Land-surface datum is 136.45 ft (41.59 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1955 to September 1977 (thrice yearly); October 1977 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, 136.76 ft (41.68 m) NGVD, Sept. 18, 1979; well observed dry Nov. 16, 1964.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT			MAY		
16...	1550	134.58	07...	1155	134.81
DEC			JUN		
12...	1405	133.67	07...	1115	135.40
FEB			SEP		
15...	1135	135.38	18...	1258	136.76
APR					
19...	1655	134.84			

WELL NUMBER.--280829081535301. Local Number 808-154-311. State Highway 33 at Interstate Highway 4 Deep Well near Polk City, FL.

LOCATION.--Lat 28°08'29", long 81°53'53", in SE¼NE¼NW¼ sec.15, T.27 S., R.24 E., Hydrologic Unit 03100208, on west side of State Highway 33, 75 ft (20 m) north of Interstate Highway 4, and 5.6 mi (9.0 km) southwest of Polk City.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 93 ft (28 m), cased to 55 ft (17 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.20 ft (0.67 m) above land-surface datum.

DATUM.--Land-surface datum is 137.36 ft (41.87 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumpage of nearby industrial wells.

PERIOD OF RECORD.--February 1956 to February 1960 (bimonthly); January 1962 to September 1965 (semiannually); January 1966 to September 1974 (thrice yearly); January 1975 to current year (bimonthly), incomplete. 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, 129.13 ft (39.36 m) NGVD, Sept. 18, 1979; lowest measured, 109.74 ft (33.45 m) NGVD, Apr. 28, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT			MAY		
16...	1605	124.08	07...	1210	124.26
DEC			JUN		
12...	1345	121.65	07...	1045	126.84
FEB			SEP		
15...	1102	125.99	18...	1310	129.13
APR					
19...	1700	122.32			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## POLK COUNTY

WELL NUMBER.--281008081441801. Local Number 810-144-432. Lake Alfred Deep Well near Lake Alfred, FL.

LOCATION.--Lat 28°10'08", long 81°44'18", in SW¼NW¼ sec.5, T.27 S., R.26 E., Hydrologic Unit 03100208, on west side of Pit Road, 100 ft (30 m) north of intersection with State Road 557A, 1.2 mi (1.9 km) south of Interstate Highway 4, and 5.0 mi (8.0 km) north of Lake Alfred.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 425 ft (130 m), cased to 102 ft (31 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.25 ft (0.69 m) above land-surface datum.

DATUM.--Land-surface datum is 137.38 ft (41.87 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1959 to November 1960 (monthly), December 1960 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, 131.07 ft (39.95 m) NGVD, Nov. 3, 1960; lowest, 119.85 ft (36.53 m) NGVD, May 3, 1974.

ELEVATION, IN 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	127.53	126.53	125.72	127.17	128.12	127.95	124.36	126.89	128.11	127.44	127.20	128.81
10	127.45	126.35	125.77	127.51	127.88	128.45	125.18	127.90	127.08	127.95	127.85	128.90
15	126.35	126.05	125.38	127.75	127.99	128.45	124.69	128.43	126.00	128.01	128.57	129.09
20	126.35	125.19	124.63	128.31	127.68	128.00	123.12	128.57	125.53	128.21	128.60	129.18
25	126.14	125.45	125.42	128.27	127.65	127.06	124.46	128.45	126.12	128.21	128.38	129.33
EOM	126.12	124.75	126.88	128.27	127.96	125.66	126.28	128.42	126.60	127.89	128.48	129.91
MAX	127.63	126.62	126.88	128.41	128.26	128.52	126.28	128.57	128.40	128.28	128.62	129.91
WTR YR 1979	MEAN	127.14	MAX	129.91	SEP 30	MIN	122.92	APR 21				

WELL NUMBER.--281008081441802. Local Number 810-144-432A. Lake Alfred Shallow Well near Lake Alfred, FL.

LOCATION.--Lat 28°10'08", long 81°44'18", in SW¼NW¼ sec.5, T.27 S., R.26 E., Hydrologic Unit 03100208, on west side of Pit Road, 100 ft (30 m) north of intersection with State Road 557, 1.2 mi (1.9 km) south of Interstate Highway 4, and 5.0 mi (8.0 km) north of Lake Alfred.

AQUIFER.--Nonartesian sand aquifer of the Tertiary Quaternary Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, non-artesian well, diameter 6 in (15 cm), depth 9 ft (3 m), cased to 6 ft (2 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.40 ft (0.73 m) above land-surface datum.

DATUM.--Land-surface datum is 137.25 ft (41.83 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1959 to September 1977 (monthly); October 1977 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, 134.88 ft (41.11 m) NGVD, Oct. 31, 1960; well observed dry on numerous visits.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT 17...	0800	131.67	APR 19...	1010	131.86
DEC 12...	1645	130.43	MAY 07...	1415	131.40
FEB 16...	1115	132.10	JUN 05...	1425	132.66

## POLK COUNTY

WELL NUMBER.--281051081362501. Local Number 810-136-213. USGS Observation Well P47 near Davenport, FL.

LOCATION.--Lat 28°10'51", long 81°36'25", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$  sec.34, T.26 S., R.27 E., Hydrologic Unit 03090101, in pasture, 0.5 mi (0.8 km) west of Holly Hill Road, and 1.7 mi (2.7 km) northwest of intersection of State Road 547 and Holly Hill Road in Davenport.

AQUIFER.--Non-artesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, non-artesian well, diameter 6 in (15 cm), depth 67 ft (20 m), cased to 60 ft (18 m), gravel-packed 58 ft (18 m) to 67 ft (20 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 156.50 ft (47.70 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 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, 116.05 ft (35.37 m) NGVD, Sept. 22, 1960; lowest, 106.29 ft (32.40 m) NGVD, June 27, 1974.

ELEVATION, IN 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	109.79	108.94	108.27	107.78	108.28	108.33	108.38	108.07	111.07	110.17	109.24	108.97
10	109.67	108.83	108.15	107.81	108.32	108.35	108.32	108.14	111.00	109.98	109.11	109.04
15	109.52	108.70	108.07	107.86	108.35	108.40	108.27	108.58	110.82	109.81	109.05	109.17
20	109.38	108.59	107.96	108.03	108.34	108.45	108.18	109.33	110.64	109.66	109.07	109.29
25	109.25	108.48	107.87	108.12	108.34	108.46	108.13	110.18	110.48	109.49	109.06	109.42
EOM	109.07	108.36	107.76	108.23	108.32	108.42	108.08	110.83	110.32	109.36	109.02	109.64
MAX	109.91	109.07	108.34	108.23	108.35	108.46	108.42	110.83	111.07	110.39	109.33	109.64
WTR YR 1979	MEAN	108.93	MAX	111.07	JUN 5	MIN	107.76	DEC 31	AND OTHERS			

WELL NUMBER.--281057081495002. Local Number Polk 810-149-03. Polk City Romp Well near Polk City, FL.

LOCATION.--Lat 28°10'57", long 81°14'95", in NW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$  sec.32, T.26 S., R.25 E., Hydrologic Unit 03100208, in pasture at end of Pine Avenue, 0.3 mi (0.5 km) north of State Highway 33 in Polk City.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 6 in (15 cm), depth 315 ft (96 m), cased to 264 ft (80 m).

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

DATUM.--Land-surface datum is 136.79 ft (41.69 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels were estimated from nearby well 281008081441801.

PERIOD OF RECORD.--November 1978 to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 132.25 ft (40.31 m) NGVD, estimated, Sept. 30, 1979; lowest, 123.31 ft (37.58 m) NGVD, Apr. 20, 1979.

ELEVATION, IN FEET NGVD, NOVEMBER 1978 TO SEPTEMBER 1979

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5		---	126.20	127.87	129.51	129.37	125.31	127.39	129.67	128.89	129.20	131.15
10		---	126.44	128.41	129.48	130.05	126.13	128.81	128.51	129.52	130.19	131.25
15		125.86	125.83	128.91	129.46	130.08	124.83	129.73	126.30	129.98	130.97	131.45
20		125.80	124.62	129.56	128.96	129.48	123.31	129.98	125.99	130.28	130.95	131.50
25		125.56	125.83	129.57	128.84	128.27	125.23	129.95	126.87	130.49	130.70	131.65
EOM		124.53	127.53	129.77	129.31	126.27	127.10	129.80	127.79	130.37	130.80	132.25
MAX		125.93	127.53	129.80	129.69	130.12	127.10	129.98	129.83	130.56	131.01	132.25
WTR YR 1979	MEAN	128.51	MAX	132.25	SEP 30	MIN	123.31	APR 20				

NOTE.--Estimated Aug. 19 to Sept. 30.



## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## POLK COUNTY

WELL NUMBER.--281058081364201. Local Number 810-136-01. Observation Well P44 near Davenport, FL.

LOCATION.--Lat 28°10'58", long 81°36'42", in NE¼SW¼NE¼ sec.33, T.26 S., R.27 E., Hydrologic Unit 03090101, in pasture, 0.8 mi (1.3 km) west of Holly Hill Road, and 1.7 mi (2.7 km) northwest of intersection of State Road 547 and Holly Hill Road in Davenport.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 10 in (25 cm), depth 195 ft (29 m), cased to 81 ft (25 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 113.14 ft (34.48 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels were estimated from nearby wells 282202081384601 and 281532081345001.

PERIOD OF RECORD.--December 1946 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, 112.28 ft (34.22 m) NGVD, Sept. 13, 1960; lowest, 106.97 ft (32.60 m) NGVD, May 3, 1975.

ELEVATION, IN 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	109.71	109.16	108.75	109.00	109.60	109.33	108.81	108.86	110.19	109.86	109.45	110.45
10	109.52	109.18	108.46	109.25	109.40	109.76	108.81	110.44	110.00	109.78	109.82	110.66
15	109.44	109.02	108.43	109.45	109.32	109.57	108.73	110.71	109.97	109.55	110.18	110.68
20	109.35	108.95	108.43	109.80	109.27	109.43	108.52	110.53	109.71	109.88	110.18	110.63
25	109.23	108.77	108.46	109.85	109.42	109.38	108.92	110.62	109.69	109.92	110.11	111.14
EOM	109.31	108.57	109.05	109.60	109.35	109.08	108.85	110.38	109.80	109.56	109.92	111.60
MAX	109.80	109.30	109.05	109.90	109.60	109.78	109.06	110.71	110.32	109.92	110.26	111.60
WTR YR 1979	MEAN	109.55	MAX	111.60	SEP 30	MIN	108.42	DEC 21				

NOTE.--Estimated Dec. 29 to Feb. 12.

WELL NUMBER.--281532081345001. Local Number 815-134-134. Loughman Deep Well near Loughman, FL.

LOCATION.--Lat 28°15'32", long 81°34'50" in NW¼NW¼NE¼ sec.2, T.26 S., R.27 E., Hydrologic Unit 03090101, on south side of Lake Wilson Road, 0.6 mi (1.0 km) east of State Road 545, and 1.6 mi (2.6 km) northwest of Loughman.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 250 ft (76 m), cased to 85 ft (26 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of 6-in (15 cm) nipple, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 104.29 ft (31.78 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels were estimated from nearby wells 281058081364201 and 282202081384601.

PERIOD OF RECORD.--August 1960 to November 1970 (quarterly); December 1970 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, 93.21 ft (28.41 m) NGVD, Sept. 30, 1979; lowest, 89.14 ft (27.17 m) NGVD, May 6, 1976.

ELEVATION, IN 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	91.18	90.79	90.40	90.75	91.48	91.25	91.07	91.15	91.94	91.66	91.77	92.31
10	91.16	90.73	90.15	90.95	91.31	91.44	90.97	91.85	91.80	91.58	91.94	92.29
15	91.09	90.67	90.05	91.10	91.28	91.44	90.75	92.18	91.80	91.65	92.27	92.33
20	90.94	90.57	90.00	91.40	91.19	91.45	90.59	92.19	91.45	91.96	92.28	92.32
25	90.88	90.55	90.10	91.35	91.35	91.38	91.04	92.31	91.45	91.96	92.20	92.54
EOM	90.86	90.38	90.65	91.50	91.28	91.18	91.09	92.16	91.67	91.72	92.00	93.21
MAX	91.27	90.87	90.65	91.59	91.50	91.53	91.20	92.31	92.13	92.02	92.29	93.21
WTR YR 1979	MEAN	91.37	MAX	93.21	SEP 30	MIN	90.00	DEC 20				

NOTE.--Estimated Dec. 2 to Jan. 25.



## POLK COUNTY

WELL NUMBER.--281532081345002. Local Number 815-134-134A. Loughman Shallow Well near Loughman, FL.

LOCATION.--Lat 28°15'32", long 81°34'50", in NW¼NW¼NE¼ sec.2, T.26 S., R.27 E., Hydrologic Unit 03090101, on south side of Lake Wilson Road, 0.6 mi (1.0 km) east of State Road 545, and 1.6 mi (2.6 km) northwest of Loughman.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, non-artesian well, diameter 6 in (15 cm), depth 32 ft (10 m), cased to 29 ft (9 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 6 in (15 cm) nipple, 2.70 ft (0.82 m) above land-surface datum.

DATUM.--Land-surface datum is 104.29 ft (31.78 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1967 to September 1968 (thrice yearly); April 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, 93.66 ft (28.55 m) NGVD, Nov. 17, 1969; lowest measured, 90.11 ft (27.47 m) NGVD, May 14, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT			MAY		
16...	1050	91.61	31...	1450	93.10
DEC			JUL		
01...	1205	91.06	05...	1325	92.26
JAN			SEP		
26...	1720	91.77	11...	1310	92.02
MAR					
19...	1110	91.94			

WATER RESOURCES DATA FOR FLORIDA, 1979  
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KEY TO SITE LOCATIONS ON FIGURE 18  
SARASOTA COUNTY

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1	265712082205702	274
2	265809082194001	275
3	265834082202402	276
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4	270036082213401	276
5	270137082235301	277
6	270542082261801	278
7	271118082285301	278
8	271134082092201	279
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9	271601082330501	280
10	271619082240201	280
11	271938082261801	281
12	272020082194801	281
13	272049082324401	282
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14	272054082293601	283
15	272106082321801	283
15	272119082325101	284
16	272120082322702	284
16	272220082151401	285
17	272242082235501	286
18	272248082175201	287
19	272255082172202	288
19	272256082175901	288
19	272257082180202	288
20	272258082181701	289
21	272258082195301	290
21	272258082195302	290
22	272301082191401	291
23	272307082173801	291
24	272308082161801	292

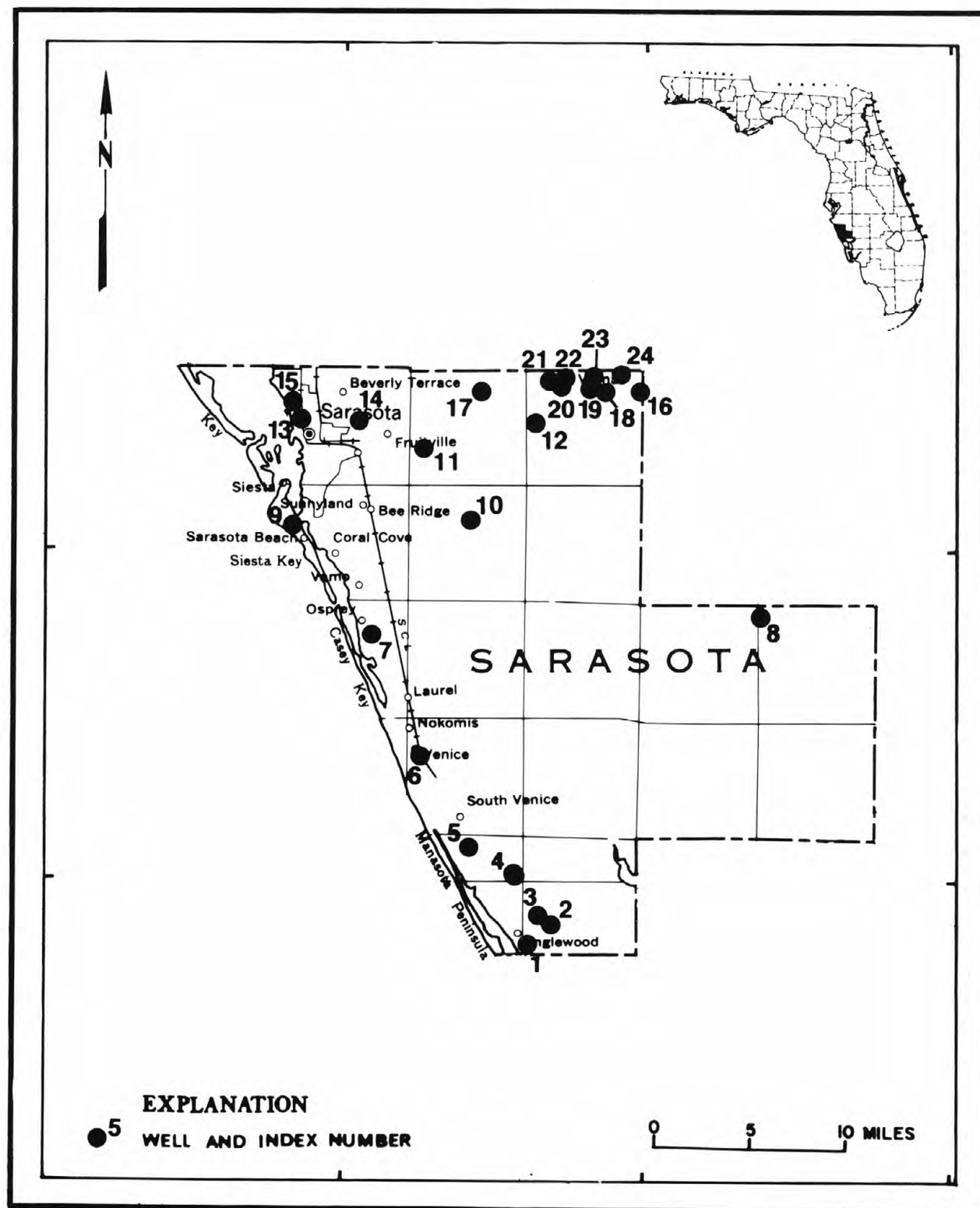


Figure 18. Location of wells in Sarasota County

## SARASOTA COUNTY

WELL NUMBER.--265712082205701. Englewood Water District Well R-2 at Englewood, FL.

LOCATION.--Lat 26°57'12", long 82°20'57", in NE¼SW¼ sec.31, T.40 S., R.20 E., Hydrologic Unit 03100201, at water plant, 0.25 mi (0.40 km) east of State Highway 775, and 0.5 mi (0.8 km) north of Charlotte County Line at Englewood.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 110 ft (33 m), cased to 51 ft (15 m).

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

DATUM.--Land-surface datum is 12.40 ft (3.78 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 11 ft (3.4 m), from topographic map. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--December 1974 to October 1976 (weekly), incomplete; November 1976 to current year, incomplete. Records of water levels prior to October 1976, corrected, are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +1.40 ft (0.43 m) corrected. Revised records are in files of Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.44 ft (2.89 m) corrected, NGVD, Sept. 4, 1977; lowest water level measured, 3.39 ft (1.03 m) corrected, below NGVD, Apr. 26, 1976.

ELEVATION, IN 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	8.09	6.58	6.16	6.23	7.29	6.26	5.22	4.81	4.19	4.67	4.24	5.49
10	7.57	6.45	5.90	6.02	7.04	6.42	4.71	5.31	4.51	4.58	4.15	5.47
15	7.47	6.24	5.76	7.27	6.80	6.14	4.72	5.46	4.29	3.99	3.62	6.22
20	7.04	6.11	5.62	7.08	6.50	5.95	4.65	5.42	3.92	4.46	3.93	6.50
25	6.94	6.01	5.80	7.48	6.70	5.89	4.82	4.90	3.83	4.55	4.21	6.72
EOM	6.78	5.85	6.33	7.59	6.65	5.60	4.70	4.66	4.70	4.30	4.43	6.82
MEAN	7.32	6.27	5.91	6.92	6.89	6.02	4.83	5.07	4.25	4.48	4.17	5.95
MAX	8.18	6.70	6.33	7.70	7.51	6.65	5.50	5.61	4.83	4.72	4.61	6.82
MIN	6.78	5.70	5.60	6.02	6.33	5.19	4.53	4.61	3.80	3.99	3.62	4.65
WTR YR 1979	MEAN	5.67	MAX	8.18	OCT 3	MIN	3.62	AUG 15				

WELL NUMBER.--265712082205702. Englewood Water Plant Shallow Well at Englewood, FL.

LOCATION.--Lat 26°57'12", long 82°20'57", in NE¼SW¼ sec.31, T.40 S., R.20 E., Hydrologic Unit 03100201, at water plant, 0.25 mi (0.40 km) east of State Highway 775, and 0.5 mi (0.8 km) north of Charlotte County line at Englewood.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 17 ft (5 m), cased to 7 ft (2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.50 ft (0.80 m) above land-surface datum.

DATUM.--Land-surface datum is 12.53 ft (3.82 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District). Prior to Oct. 1, 1977, land-surface datum was considered to be 11 ft (3.4 m), from topographic map. See PERIOD OF RECORD.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--May 1974 to current year, incomplete. Records of water levels prior to October 1975 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +1.53 ft (0.47 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.28 ft (3.44 m) NGVD, Aug. 5, 10, 1974; lowest, 3.83 ft (1.17 m) NGVD, May 31, 1974.

ELEVATION, IN 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	9.47	8.21	7.72	7.67	8.68	7.79	6.83	6.20	6.09	6.11	5.59	6.69
10	9.12	8.09	7.44	8.06	8.41	7.76	6.71	6.85	6.05	5.99	5.54	6.78
15	9.03	7.91	7.31	8.86	8.21	7.60	6.47	6.99	5.87	5.76	5.45	7.74
20	8.71	7.74	7.14	8.56	7.97	7.43	6.26	6.91	5.63	5.74	5.39	7.81
25	8.55	7.61	7.31	8.96	8.22	7.31	6.33	6.65	5.55	5.86	5.72	8.06
EOM	8.42	7.45	7.84	9.01	8.13	7.06	6.22	6.35	6.06	5.78	6.20	8.16
MEAN	8.95	7.90	7.45	8.49	8.30	7.53	6.51	6.63	5.89	5.89	5.62	7.41
MAX	9.85	8.34	7.84	9.30	8.92	8.08	7.02	7.03	6.31	6.12	6.20	8.16
MIN	8.42	7.43	7.13	7.55	7.82	6.96	6.22	6.18	5.52	5.71	5.39	6.47
WTR YR 1979	MEAN	7.21	MAX	9.85	OCT 1	MIN	5.39	AUG 20				

## SARASOTA COUNTY

WELL NUMBER.--265809082194001. Englewood Water District Well TH 6 near Englewood, FL.

LOCATION.--Lat 26°58'09", long 82°19'40", in SW¼NW¼ sec.29, T.40 S., R.20 E., Hydrologic Unit 03100201, 50 ft (15 m) south of State Highway 777, 1.1 mi (1.8 km) east of Godfrey Creek, and 1.7 mi (2.7 km) east of Englewood.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 65 ft (20 m), cased to 45 ft (14 m).

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

DATUM.--Land-surface datum is 11.22 ft (3.42 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 12 ft (3.7 m), from topographic map. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--April 1971 to current year, incomplete. Records of water levels prior to October 1975 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -0.72 ft (0.22 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.81 ft (3.29 m) NGVD, Aug. 31, 1974; lowest, 2.85 ft (0.87 m) NGVD, May 5, 1971.

ELEVATION, IN 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	8.67	7.32	7.03	7.22	8.60	8.16	7.29	6.33	6.32	5.29	4.96	6.21
10	8.33	7.34	6.79	7.13	8.39	8.40	6.89	6.75	5.95	5.33	4.95	6.21
15	8.22	7.21	6.56	8.49	8.20	7.97	6.70	7.36	5.81	5.27	4.70	7.29
20	7.94	6.96	6.48	8.22	8.02	7.64	6.30	7.12	5.59	5.17	4.76	7.41
25	7.61	6.86	6.63	8.59	8.39	7.56	6.49	6.82	5.47	5.27	5.09	7.85
EOM	7.70	6.68	7.26	8.62	8.49	7.25	6.33	6.46	5.42	5.15	5.50	8.00
MEAN	8.10	7.11	6.75	8.02	8.32	7.89	6.70	6.79	5.82	5.26	4.98	7.04
MAX	8.68	7.59	7.28	8.65	8.61	8.47	7.29	7.36	6.43	5.46	5.50	8.04
MIN	7.53	6.66	6.38	7.07	7.83	7.25	6.30	6.24	5.37	5.15	4.60	5.69
WTR YR 1979 MEAN	6.89			8.68	OCT 2 AND OTHERS	MIN	4.60	AUG 17				

## SARASOTA COUNTY

WELL NUMBER.--265834082202401. Englewood Water District Well 14 near Englewood, FL.

LOCATION.--Lat 26°58'34", long 82°20'24", in NE¼NE¼ sec.30, T.40 S., R.20 E., Hydrologic Unit 03100201, 1.0 mi (1.6 km) north of State Highway 777, and 2.0 mi (3.2 km) northeast of Englewood.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 55 ft (17 m), cased to 43.5 ft (13.3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.82 ft (0.86 m) above land-surface datum. Prior to Jan. 17, 1979, top of recorder shelter floor, 2.88 ft (0.88 m) corrected, above land-surface datum.

DATUM.--Land-surface datum is 10.72 ft (3.27 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 10 ft (3.0 m), from topographic map. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--April 1971 to current year, incomplete. Records of water levels prior to October 1975 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +0.72 ft (0.22 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.37 ft (3.47 m) NGVD, Sept. 5, 1974; lowest, 0.39 ft (0.12 m) below NGVD, Apr. 15, 1974.

ELEVATION, IN 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	5.79	4.52	3.73	3.85	5.59	4.74	3.60	2.82	2.80	2.09	1.64	3.10
10	5.54	4.36	3.55	4.30	5.27	4.77	3.41	3.05	2.62	2.08	1.62	3.53
15	5.41	4.19	3.44	5.10	5.00	4.55	3.31	3.40	2.50	1.98	1.60	4.29
20	5.23	4.00	3.33	5.18	4.79	4.34	2.98	2.83	2.33	1.91	1.59	4.48
25	4.92	3.82	3.37	5.54	4.91	4.21	3.05	3.17	2.22	1.90	2.05	4.70
EOM	4.73	3.67	3.81	5.93	4.89	3.90	2.85	2.99	2.17	1.75	2.70	4.75
MEAN	5.31	4.16	3.52	4.88	5.14	4.47	3.28	3.03	2.49	1.98	1.83	4.00
MAX	5.80	4.69	3.81	5.95	5.75	4.91	3.80	3.45	2.95	2.18	2.70	4.76
MIN	4.73	3.66	3.30	3.84	4.68	3.90	2.85	2.78	2.14	1.75	1.52	2.80
WTR YR 1979	MEAN	3.67	MAX	5.95	JAN 29	MIN	1.52	AUG 18				

WELL NUMBER.--265834082202402. Englewood Water District Well 14A near Englewood, FL.

LOCATION.--Lat 26°58'34", long 82°20'24", in NE¼NE¼ sec.30, T.40 S., R.20 E., Hydrologic Unit 03100201, 1.0 mi (1.6 km) north of State Highway 777, and 2.0 mi (3.2 km) northeast of Englewood.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 20 ft (6 m), cased to 10 ft (3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 10 ft (3.0 m), from topographic map.

PERIOD OF RECORD.--October 1977 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.05 ft (1.84 m) NGVD, Oct. 2, 1978; lowest measured, 0.85 ft (0.26 m) NGVD, August 16, 1979.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			APR , 1979		
02...	1335	6.05	10...	0930	3.03
DEC			MAY		
11...	1410	3.20	31...	1450	2.36
FEB , 1979			AUG		
08...	1410	5.14	16...	1010	0.85



## SARASOTA COUNTY

WELL NUMBER.--270036082213401. Englewood Test Well C-10 near Englewood, FL.

LOCATION.--Lat 27°00'36", long 82°21'34", in NW¼SW¼ sec.12, T.40 S., R.19 E., Hydrologic Unit 03100201, 1.4 mi (2.3 km) east of State Highway 775, and 3.8 mi (6.1 km) north of Englewood.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 70 ft (21 m), cased to 41.5 ft (12.6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 12 ft (3.7 m), from topographic map.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--August 1978 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.56 ft (2.91 m) NGVD, Sept. 22, 1979; lowest, 4.74 ft (1.44 m) NGVD, Aug. 18, 1979.

ELEVATION, IN 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	8.26	6.91	6.93	8.70	9.00	7.95	7.10	6.11	5.50	4.90	4.90	8.59
10	7.77	7.00	6.70	8.60	8.62	7.70	6.84	6.80	5.35	4.90	4.95	8.79
15	7.77	6.79	6.47	8.25	8.25	7.70	6.60	6.60	5.20	4.90	4.93	9.54
20	7.30	6.59	6.31	8.20	8.10	7.70	6.35	6.30	5.15	4.85	4.76	8.95
25	7.11	6.42	7.22	8.80	8.10	7.65	6.34	6.10	5.00	4.90	5.92	9.31
EOM	7.32	6.32	7.65	9.20	7.95	7.30	6.19	5.75	4.97	4.85	8.00	9.55
MEAN	7.67	6.74	6.86	8.52	8.42	7.69	6.64	6.31	5.23	4.90	5.33	9.00
MAX	8.79	7.22	7.82	9.30	9.10	7.95	7.30	6.88	5.65	5.00	8.00	9.56
MIN	7.06	6.32	6.31	7.58	7.95	7.30	6.19	5.75	4.96	4.85	4.74	7.73
WTR YR 1979	MEAN	6.93	MAX	9.56	SEP 22	MIN	4.74	AUG 18				

NOTE.--Record estimated Jan. 3 to Feb. 8, Feb. 19 to Mar. 16, Apr. 11-18, May 8 to June 19, July 11 to Aug. 15.

WELL NUMBER.--270137082235301. Manasota Deep Well 14 near Englewood, FL.

LOCATION.--Lat 27°01'37", long 82°23'53", in NW¼SW¼ sec.3, T.40 S., R.19 E., Hydrologic Unit 03100201, 100 ft (30 m) west of State Highway 775, and 5.0 mi (8.0 km) northeast of Englewood.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 305 ft (92 m), cased to 263 ft (80 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 10.60 ft (3.23 m) above land-surface datum.

DATUM.--Land-surface datum is 15.92 ft (4.85 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 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, 22.70 ft (6.92 m) NGVD, Nov. 30, 1971; lowest, 19.91 ft (6.07 m) NGVD, May 9, 1975.

ELEVATION, IN 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	21.89	21.62	21.55	21.29	21.78	21.81	21.25	20.63	20.74	20.69	20.64	21.39
10	21.79	21.64	21.36	21.52	21.63	21.84	21.03	20.80	20.74	20.86	20.79	21.43
15	21.87	21.50	21.17	21.69	21.59	21.57	20.84	20.73	20.77	20.62	20.77	21.77
20	21.76	21.42	21.31	22.00	21.54	21.44	20.56	20.66	20.63	20.68	20.86	21.63
25	21.78	21.40	21.49	21.92	21.88	21.77	20.90	20.83	20.72	20.79	21.01	21.70
EOM	21.72	21.43	21.34	21.91	21.80	21.28	20.61	20.64	20.73	20.75	21.30	21.78
MEAN	21.81	21.52	21.35	21.73	21.70	21.63	20.89	20.71	20.71	20.73	20.87	21.61
MAX	21.93	21.72	21.55	22.07	21.92	21.97	21.32	20.83	20.77	20.87	21.30	21.79
MIN	21.69	21.35	21.17	21.26	21.54	21.28	20.53	20.59	20.63	20.59	20.63	21.37
WTR YR 1979	MEAN	21.27	MAX	22.07	JAN 24	MIN	20.53	APR 21				

## SARASOTA COUNTY

WELL NUMBER.--270542082261801. Venice Well 35 at Venice, FL.

LOCATION.--Lat 27°05'42", long 82°26'18", in SW¼SE¼ sec.7, T.39 S., R.19 E., Hydrologic Unit 03100201, 0.2 mi (0.3 km) west of U. S. Highway 41, and 0.4 mi (0.6 km) south of Venice.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 163 ft (50 m), cased to 86 ft (26 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.20 ft (0.97 m) above land-surface datum.

DATUM.--Land-surface datum is 13.28 ft (4.05 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by tide. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--October 1963 to current year, incomplete. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.88 ft (3.01 m) NGVD, Sept. 5, 1974; lowest, 2.42 ft (0.74 m) below NGVD, Apr. 30, 1971.

ELEVATION, IN 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	7.29	6.47	6.52	6.54	7.26	6.50	5.93	5.62	4.70	4.52	4.81	6.78
10	6.92	6.68	6.10	6.56	6.96	6.68	5.98	6.09	4.88	4.45	5.66	6.70
15	7.14	6.42	5.96	7.41	6.71	6.99	5.31	5.36	4.57	4.56	5.14	7.66
20	6.43	6.24	5.71	7.25	6.47	5.65	4.70	5.26	3.80	5.21	5.61	7.62
25	6.23	5.98	6.44	7.42	6.68	6.99	5.91	5.17	4.28	5.50	5.63	7.86
EOM	6.65	5.90	6.64	7.64	6.61	5.99	5.70	4.67	4.58	5.00	6.59	7.87
MEAN	6.83	6.30	6.19	7.14	6.82	6.47	5.41	5.45	4.46	4.89	5.51	7.32
MAX	7.69	6.77	6.68	7.64	7.32	6.99	5.99	6.14	5.08	5.64	6.59	7.98
MIN	6.11	5.86	5.71	6.49	6.19	5.54	4.64	4.52	3.80	4.02	4.65	6.40
WTR YR 1979	MEAN	6.06	MAX	7.98 SEP 23	MIN	3.80 JUN 20						

WELL NUMBER.--271118082285301. Osprey Well 9 near Osprey, FL.

LOCATION.--Lat 27°11'18", long 82°28'53", in SW¼NW¼ sec.11, T.38 S., R.18 E., Hydrologic Unit 03100201, 0.3 mi (0.5 km) east of U. S. Highway 41, and 1.0 mi (1.6 km) southeast of Osprey.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 255 ft (78 m), cased to 157 ft (48 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 10.00 ft (3.05 m) above land-surface datum.

DATUM.--Land-surface datum is 14.37 ft (4.38 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--March 1966 to current year, incomplete. 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, 21.45 ft (6.54 m) NGVD, July 10, 1968; lowest, 8.05 ft (2.45 m) NGVD, May 12, 1976.

ELEVATION, IN 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	15.19	14.72	14.23	14.34	15.93	15.47	14.50	12.67	12.95	13.34	13.75	16.10
10	15.05	14.99	13.95	14.64	15.64	16.08	13.99	12.86	12.75	13.65	13.95	16.10
15	15.16	15.04	13.89	15.13	15.46	16.28	13.78	12.84	12.60	13.35	14.20	16.80
20	15.20	14.55	13.79	15.56	15.32	15.59	13.06	13.30	12.50	13.45	14.35	16.83
25	14.86	14.24	13.73	16.16	16.19	15.37	13.15	13.30	12.40	13.65	14.70	17.12
EOM	14.89	14.12	14.11	16.58	15.57	14.68	12.66	13.00	13.08	13.75	15.59	17.43
MEAN	15.09	14.66	13.94	15.31	15.79	15.60	13.68	13.00	12.67	13.50	14.32	16.61
MAX	15.42	15.39	14.23	16.58	16.49	16.34	14.59	13.42	13.08	13.80	15.59	17.43
MIN	14.76	14.12	13.73	14.26	15.32	14.68	12.66	12.65	12.38	13.23	13.70	15.64
WTR YR 1979	MEAN	14.51	MAX	17.43 SEP 30	MIN	12.38 JUN 28						

NOTE.--Record estimated May 18 to June 27, July 13 to Aug. 29, Sept. 8-19.

## SARASOTA COUNTY

WELL NUMBER.--271134082092201. Big Slough Deep Well near Arcadia, FL.

LOCATION.--Lat 27°11'34", long 82°09'22", in NE¼NE¼ sec.12, T.38 S., R.22 E., Hydrologic Unit 03100102, 30 ft (9 m) south of State Highway 72, and 17.5 mi (28.2 km) west of Arcadia.

AQUIFER --Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 100 ft (30 m), cased to 78 ft (24 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of extension, 3.25 ft (0.99 m) above land-surface datum.

DATUM.--Land-surface datum is 33.23 ft (10.13 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 35.60 ft (10.85 m) NGVD, Aug. 6, 7, 1978, estimated; lowest, 30.69 ft (9.35 m) NGVD, June 11, 1978.

ELEVATION, IN 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	34.22	33.12	32.36	32.36	34.07	34.11	33.49	31.72	31.99	32.22	32.84	33.87
10	34.12	33.00	32.29	32.55	34.01	34.32	33.21	31.69	31.89	32.32	32.90	33.99
15	33.98	32.86	32.25	33.05	33.98	34.38	32.82	31.84	31.87	32.40	33.04	34.29
20	33.80	32.73	32.22	33.55	33.84	34.27	32.38	31.96	31.81	32.70	33.24	34.47
25	33.63	32.56	32.21	33.75	33.98	34.10	32.11	32.08	32.03	32.89	33.41	34.67
EOM	33.31	32.39	32.21	34.06	34.03	33.72	31.82	32.00	32.20	32.92	33.61	35.02
MEAN	33.89	32.84	32.26	33.14	33.98	34.17	32.75	31.86	31.96	32.54	33.13	34.30
MAX	34.30	33.27	32.41	34.06	34.10	34.40	33.70	32.08	32.20	32.92	33.61	35.02
MIN	33.31	32.39	32.15	32.26	33.81	33.72	31.82	31.66	31.81	32.19	32.80	33.68
WTR YR 1979	MEAN	33.06	MAX	35.02	SEP 30	MIN	31.66	MAY 12				

WELL NUMBER.--271134082092202. Big Slough Shallow Well near Arcadia, FL.

LOCATION.--Lat 27°11'34", long 82°09'22", in NE¼NE¼ sec.12, T.38 S., R.22 E., Hydrologic Unit 03100102, 30 ft (9 m) south of State Highway 72, and 17.5 mi (28.2 km) west of Arcadia.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 25 ft (8 m), cased to 19 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.61 ft (1.10 m) above land-surface datum.

DATUM.--Land-surface datum is 33.23 ft (10.13 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 33.87 ft (10.32 m) NGVD, Aug. 3, 4, 1978; lowest, 27.40 ft (8.35 m) NGVD, June 5, 1978, estimated.

ELEVATION, IN 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	30.06	28.65	28.39	28.80	30.20	31.00	29.24	28.53	28.60	28.98	28.99	30.46
10	29.62	28.67	28.24	28.88	29.80	30.90	29.02	28.79	28.23	29.29	29.37	30.09
15	29.47	28.52	28.05	30.81	29.40	30.57	28.79	29.03	28.59	29.41	29.55	31.39
20	29.26	28.39	27.88	30.36	28.90	30.10	28.53	29.60	28.23	29.81	29.88	31.11
25	29.05	28.24	28.16	30.66	29.00	29.84	28.52	29.30	29.40	29.75	30.06	31.56
EOM	28.85	28.08	28.67	30.69	29.90	29.48	28.38	28.87	29.28	29.26	29.91	32.46
MEAN	29.44	28.47	28.21	29.95	29.57	30.36	28.81	29.02	28.70	29.41	29.54	31.07
MAX	30.06	28.82	28.67	30.92	30.58	31.20	29.43	29.69	29.40	29.90	30.06	32.46
MIN	28.85	28.08	27.87	28.68	28.80	29.48	28.38	28.48	28.15	28.87	28.96	30.09
WTR YR 1979	MEAN	29.38	MAX	32.46	SEP 30	MIN	27.87	DEC 21				

NOTE.--Record estimated Feb. 2 to Mar. 14.

## SARASOTA COUNTY

WELL NUMBER.--271601082330501. ROMP TR6-1 Hawthorn Well near Sarasota, FL.

LOCATION.--Lat 27°16'01", long 82°33'05", in NW¼NE¼ sec.13, T.37 S., R.17 E., Hydrologic Unit 03100201, 40 ft (12 m) south of State Highway 789A, 1.8 mi (2.9 km) west of U. S. Highway 41, and 4.8 mi (7.7 km) south of Sarasota.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 315 ft (96 m), cased to 300 ft (91 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 10.0 ft (3.0 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 5 ft (1.5 m), from topographic map.

PERIOD OF RECORD.--April to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.63 ft (3.54 m) NGVD, Sept. 30, 1979, water level rising; lowest, 6.59 ft (2.01 m) NGVD, June 8, 1979.

ELEVATION, IN FEET NGVD, APRIL TO SEPTEMBER 1979  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5							---	6.73	7.44	7.54	8.56	10.62
10							---	9.00	7.33	7.53	9.41	10.39
15							---	8.01	8.47	7.70	9.28	11.33
20							---	7.97	6.96	8.82	9.38	10.76
25							---	8.30	7.43	9.62	10.13	11.35
EOM							7.77	7.67	7.12	7.91	10.68	11.63
MEAN							7.57	8.07	7.53	8.22	9.45	10.96
MAX							7.77	9.00	8.65	9.62	10.68	11.63
MIN							7.39	6.73	6.59	6.60	7.35	9.76
WTR YR 1979	MEAN	8.81	MAX	11.63 SEP 30	MIN	6.59 JUN 8						

WELL NUMBER.--271619082240201. Florida Cities Test Well 1 near Sarasota, FL.

LOCATION.--Lat 27°16'19", long 82°24'02", in SE¼SE¼ sec.9, T.37 S., R.19 E., Hydrologic Unit 03100201, 20 ft (6 m) east of Bee Ridge Road, 1.0 mi (1.6 km) north of State Highway 72, and 9.0 mi (14.5 km) southeast of Sarasota.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 446 ft (136 m), cased to 104 ft (32 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.00 ft (0.91 m) above land-surface datum. Prior to Feb. 22, 1977, top of recorder shelter floor, 3.20 ft (0.98 m) above land-surface datum.

DATUM.--Land-surface datum is 34.26 ft (10.44 m) corrected, National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 36 ft (11 m), from topographic map. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby irrigation wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--March to December 1974 (fragmentary); January 1975 to current year, incomplete. Records of water levels prior to October 1975 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -1.74 ft (0.53 m) corrected. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 24.30 ft (7.41 m) NGVD, Mar. 8, 9, 1978 (estimated); lowest, 20.37 ft (6.21 m) corrected, below NGVD, May 5, 1976.

ELEVATION, IN 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	22.22	18.46	5.15	18.61	22.78	22.44	19.18	-2.18	6.25	-0.30	12.10	21.31
10	21.38	18.99	2.52	19.81	22.84	22.80	16.12	2.72	5.38	5.14	15.77	21.65
15	21.97	15.65	1.87	20.87	22.74	22.70	6.77	3.97	7.91	8.33	17.63	22.31
20	21.24	15.62	1.26	21.57	22.33	22.24	.77	3.02	-0.29	11.80	18.66	22.62
25	20.96	11.92	8.09	22.13	22.22	21.94	.22	2.88	-4.99	13.07	19.52	23.15
EOM	20.40	5.08	18.37	22.74	22.35	20.35	-3.92	.01	-5.64	12.45	20.44	23.53
MEAN	21.50	15.64	5.68	20.66	22.55	22.19	8.21	1.53	2.33	7.26	16.69	22.25
MAX	22.39	20.57	18.37	22.74	22.91	22.89	20.06	4.21	8.01	13.91	20.44	23.53
MIN	20.40	5.08	1.26	16.96	21.91	20.35	-3.92	-4.71	-6.86	-5.78	9.98	20.76
WTR YR 1979	MEAN	13.82	MAX	23.53 SEP 30	MIN	-6.86 JUN 29						



## SARASOTA COUNTY

WELL NUMBER.--271938082251801. Sarasota Well 9 near Sarasota, FL.

LOCATION.--Lat 27°19'38", long 82°25'18", in SW¼SE¼ sec.20, T.36 S., R.19 E., Hydrologic Unit 03100201, 0.8 mi (1.3 km) south of State Highway 780, and 5.0 mi (8.0 km) east of Sarasota.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 8 in (20 cm), depth 730 ft (222 m), cased to 101 ft (31 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 3.06 ft (0.93 m) above land-surface datum.

DATUM.--Land-surface datum is 33.56 ft (10.23 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby irrigation wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--September 1930 to April 1937; November 1941 to current year, incomplete. Records of water levels prior to January 1943 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 28.53 ft (8.70 m) NGVD, Aug. 19, 1976; lowest, 4.78 ft (1.46 m) NGVD, May 3, 1975.

ELEVATION, IN 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	26.17	23.64	22.15	24.85	27.02	25.62	20.48	14.38	19.63	21.82	24.21	26.98
10	25.61	24.27	22.61	25.65	26.33	26.28	18.53	17.10	19.95	22.87	24.14	26.97
15	25.74	23.64	21.76	26.33	25.76	25.80	17.80	17.84	21.22	23.70	24.70	27.40
20	24.90	22.38	21.84	26.93	25.16	23.89	14.21	18.67	21.52	24.22	25.15	27.64
25	23.93	21.44	22.74	27.14	25.39	23.71	16.04	19.01	21.30	24.65	25.86	27.92
EOM	24.60	21.10	24.05	27.64	25.59	21.65	16.10	18.44	21.33	24.79	26.50	28.34
MEAN	25.30	23.05	22.31	26.27	25.95	24.64	17.46	17.49	20.67	23.50	24.99	27.43
MAX	26.38	24.37	24.05	27.64	27.02	26.45	21.39	19.09	21.68	24.88	26.50	28.34
MIN	23.93	21.10	21.49	24.35	24.61	21.65	14.21	14.38	19.12	21.27	24.06	26.60
WTR YR 1979	MEAN	23.24	MAX	28.34	SEP 30	MIN	14.21	APR 20				

WELL NUMBER.--272020082194801. Verna T Well 0-4 near Verna, FL.

LOCATION (REVISED).--Lat 27°20'20", long 82°19'48", in NE¼NW¼ sec.20, T.36 S., R.20 E., Hydrologic Unit 03100102, 60 ft (20 m) north of State Highway 780, and 5.0 mi (8.0 km) southwest of Verna.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 500 ft (152 m), cased to 140 ft (43 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.0 ft (0.9 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 43 ft (13 m), from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 27.88 ft (8.50 m) NGVD, Aug. 22, 1978; lowest, 7.08 ft (2.16 m) NGVD, May 28, 1978.

ELEVATION, IN 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	24.05	21.26	19.70	22.10	25.79	23.69	19.10	12.85	17.05	19.80	21.93	25.70
10	23.13	21.60	20.36	23.31	25.60	24.77	16.98	13.43	17.95	20.24	21.38	25.69
15	23.67	20.32	19.99	24.16	24.97	24.66	14.96	15.33	18.62	21.65	22.79	26.39
20	23.07	19.96	19.93	25.34	24.04	23.58	13.21	16.49	19.07	22.58	23.37	26.68
25	22.23	18.86	20.04	25.45	23.49	22.60	11.88	16.48	18.78	23.42	24.17	27.12
EOM	22.46	18.76	20.95	26.20	23.67	20.75	12.58	16.05	19.25	23.29	24.97	27.70
MEAN	23.24	20.32	20.00	24.17	24.84	23.47	15.24	14.92	18.23	21.67	23.06	26.40
MAX	25.02	22.31	20.95	26.20	25.99	24.93	20.36	16.50	19.25	23.53	24.97	27.70
MIN	22.04	18.74	18.84	21.32	23.31	20.75	11.54	12.46	16.36	19.46	21.38	25.10
WTR YR 1979	MEAN	21.28	MAX	27.70	SEP 30	MIN	11.54	APR 23				

## SARASOTA COUNTY

WELL NUMBER.--272049082324401. City of Sarasota 11th Street Well at Sarasota, FL.

LOCATION.--Lat 27°20'49", long 82°32'44", in SW¼SW¼ sec.18, T.36 S., R.18 E., Hydrologic Unit 03100201, 30 ft (9 m) north of 11th Street, 0.2 mi (0.3 km) west of U. S. Highway 301, and 0.8 mi (1.3 km) north of State Highway 780 at Sarasota.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, unused public supply, artesian well, diameter 6 in (15 cm), depth 479 ft (146 m), cased to 43 ft (13 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of 8 in (20 cm) flange, 13.34 ft (4.07 m) above land-surface datum.

DATUM.--Land-surface datum is 8.73 ft (2.66 m) National Geodetic Vertical Datum of 1929 (levels by city of Sarasota).

PERIOD OF RECORD.--April to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.31 ft (5.89 m) NGVD, Sept. 30, 1979; lowest, 14.14 ft (4.31 m) NGVD, Apr. 21, 1979.

ELEVATION, IN FEET NGVD, APRIL TO SEPTEMBER 1979  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5							---	14.36	15.53	15.56	16.31	18.38
10							15.98	14.88	15.47	16.26	16.88	18.40
15							15.19	15.15	15.76	16.27	17.21	18.94
20							14.16	15.65	15.60	16.75	17.54	18.82
25							14.58	15.64	15.41	17.14	17.96	19.05
END							14.59	15.17	15.43	16.76	18.10	19.31
MEAN							14.98	15.14	15.49	16.36	17.30	18.78
MAX							16.08	15.65	15.88	17.14	18.10	19.31
MIN							14.14	14.36	15.10	15.38	16.21	18.26
WTR YR 1979	MEAN	16.38	MAX	19.31 SEP 30	MIN	14.14 APR 21						

WELL NUMBER.--272053082320202. City of Sarasota Injection Monitor Well 2 at Sarasota, FL.

LOCATION.--Lat 27°20'53", long 82°32'02", in SE¼SE¼ sec.18, T.36 S., R.18 E., Hydrologic Unit 03100201, at city of Sarasota Sewage Treatment Plant, 0.1 mi (0.2 km) west of U. S. Highway 301, and 0.8 mi (1.3 km) north of State Highway 780 at Sarasota.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 24 in (61 cm), depth 1,500 ft (457 m), cased to 1,108 ft (338 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of 16 in (41 cm) flange, 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 23.60 ft (7.19 m) National Geodetic Vertical Datum of 1929 (levels by city of Sarasota).

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 23.82 ft (7.26 m) NGVD, Sept. 30, 1979, water level rising; lowest, 9.22 ft (2.81 m) NGVD, May 8, 1976.

ELEVATION, IN 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	21.75	20.61	19.85	21.10	22.69	21.78	18.83	15.96	18.54	18.85	20.12	22.56
10	21.29	20.56	19.87	21.67	22.23	22.28	17.02	16.64	18.54	19.79	20.43	22.59
15	21.34	20.27	19.82	22.04	22.10	22.29	16.01	17.44	18.79	20.03	20.87	22.99
20	21.48	19.80	19.82	22.86	21.60	21.60	15.71	18.33	18.73	20.58	21.35	23.37
25	21.00	19.30	19.80	22.74	21.50	21.02	16.04	18.24	18.43	21.00	21.79	23.53
END	20.77	19.01	20.58	23.14	21.54	19.70	16.09	17.77	18.62	20.71	22.12	23.82
MEAN	21.32	20.05	19.77	22.17	22.06	21.48	16.86	17.33	18.50	20.08	21.04	23.08
MAX	22.01	20.76	20.58	23.14	22.83	22.38	19.60	18.37	18.91	21.00	22.12	23.82
MIN	20.77	19.01	19.00	20.75	21.31	19.68	15.44	15.96	17.83	18.66	19.99	22.25
WTR YR 1979	MEAN	20.31	MAX	23.82 SEP 30	MIN	15.44 APR 17						



## SARASOTA COUNTY

WELL NUMBER.--272054082293601. Paver Construction Well near Sarasota, FL.

LOCATION.--Lat 27°20'53", long 82°29'44", in SW¼SW¼ sec.15, T.36 S., R.18 E., Hydrologic Unit 03100201, at Kensington Park, 0.1 mi (0.2 km) east of Oriente Avenue, and 2.3 mi (3.7 km) east of Sarasota.

AQUIFER.--Suwanee limestone of Oligocene Age, Geologic Unit 123 SWNN.

WELL CHARACTERISTICS.--Drilled, unused industrial, artesian well, diameter 8 in (20 cm), depth 708 ft (216 m), cased to 65 ft (20 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.19 ft (1.28 m) above land-surface datum. Prior to Dec. 15, 1977, top of old recorder shelter floor, 4.00 ft (1.22 m) above land-surface datum.

DATUM.--Land surface datum is 28.43 ft (8.66 m) National Geodetic Vertical Datum of 1929 (levels by Florida Department of Natural Resources).

REMARKS.--Water levels occasionally affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--May 1963 to current year, incomplete. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 25.43 ft (7.75 m) NGVD, Nov. 10, 1969; lowest, 1.68 ft (0.51 m) NGVD, May 25, 1974.

ELEVATION, IN 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	21.26	20.14	18.71	20.54	22.80	21.39	17.53	13.85	16.90	17.63	19.18	22.17
10	21.05	20.12	18.85	21.30	22.56	22.11	16.21	14.50	16.80	18.60	19.71	22.32
15	21.17	19.70	18.48	21.90	21.98	21.94	15.56	15.24	17.28	18.81	20.19	22.63
20	21.04	19.08	18.63	22.41	21.41	21.02	10.33	16.47	17.30	19.43	20.70	22.95
25	20.38	18.41	18.84	22.64	21.16	20.03	12.97	16.25	17.13	19.88	21.20	23.18
EOM	20.33	17.72	19.87	22.94	21.40	18.87	13.92	15.83	17.23	19.39	21.75	23.57
MEAN	20.94	19.36	18.82	21.83	22.04	21.05	14.83	15.24	16.95	18.92	20.30	22.70
MAX	21.88	20.27	19.87	22.94	22.88	22.27	18.71	16.55	17.67	19.99	21.75	23.57
MIN	20.26	17.72	17.98	20.16	20.82	18.87	9.10	13.59	16.19	17.27	18.90	21.85
WTR YR 1979	MEAN	19.40	MAX	23.57	SEP 30	MIN	9.10	APR 23				

WELL NUMBER.--272106082321801. City of Sarasota Orange Avenue Well near Sarasota, FL.

LOCATION.--Lat 27°21'06", long 82°32'18", in SW¼NE¼ sec.18, T.36 S., R.18 E., Hydrologic Unit 03100201, 5 ft (2 m) east of Orange Avenue, 30 ft (9 m) south of 17th Street, and 1.1 mi (1.8 km) northwest of Sarasota.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 534 ft (163 m), cased to 22 ft (7 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.75 ft (1.14 m) above land-surface datum.

DATUM.--Land-surface datum is 20.02 ft (6.10 m) National Geodetic Vertical Datum of 1929 (levels by city of Sarasota).

PERIOD OF RECORD.--April to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.99 ft (6.70 m) NGVD, Sept. 30, 1979; lowest, 15.73 ft (4.79 m) NGVD, Apr. 21, 1979.

ELEVATION, IN FEET NGVD, APRIL TO SEPTEMBER 1979  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5							---	16.06	17.84	17.86	18.84	21.17
10							---	16.69	17.70	18.61	19.30	21.24
15							---	17.20	18.02	18.71	19.64	21.67
20							16.04	17.86	17.94	19.19	20.05	21.55
25							16.11	17.80	17.68	19.56	20.52	21.74
EOM							16.25	17.29	17.67	19.28	20.90	21.99
MEAN							16.15	17.11	17.75	18.78	19.78	21.53
MAX							16.74	17.89	18.12	19.56	20.90	21.99
MIN							15.73	16.06	17.24	17.69	18.60	20.96

## SARASOTA COUNTY

WELL NUMBER.--272119082325101. Whitaker Bayou Well at Sarasota, FL.

LOCATION.--Lat 27°21'19", long 82°32'51", in NE¼NE¼ sec.13, T.36 S., R.18 E., Hydrologic Unit 03100201, on right bank of Whitaker Bayou, 45 ft (15 m) upstream from bridge on U. S. Highway 41, and 1.5 mi (2.4 km) northwest of post office in Sarasota.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 10 in (25 cm), depth 337 ft (103 m), cased to 54 ft (16 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 9.94 ft (3.03 m) above land-surface datum. Prior to Aug. 8, 1979, top of recorder shelter floor, 5.92 ft (1.80 m) above land-surface datum.

DATUM.--Land-surface datum is 9.93 ft (3.03 m) National Geodetic Vertical Datum of 1929 (levels by city of Sarasota). Prior to Aug. 8, 1979, land-surface datum was considered to be 6 ft (1.8 m), from topographic map. See PERIOD OF RECORD.

REMARKS.--Water levels affected by Gulf tides. Exremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--September 1962 to current year, incomplete. Records of water levels prior to October 1975 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1978, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +3.85 ft (1.17 m). Revised records are in files of the Geological Survey. See Datum.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 16.05 ft (4.89 m) corrected (estimated), NGVD, Aug. 12, 1978; lowest, 2.45 ft (0.75 m) corrected, NGVD, May 20, 1975.

ELEVATION, IN 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	12.70	14.03	12.18	12.74	13.82	12.75	9.45	9.39	10.80	10.75	10.90	13.25
10	11.91	13.49	11.96	13.10	13.85	13.15	8.55	10.43	10.26	11.13	12.03	13.16
15	12.91	12.95	12.13	13.39	13.55	13.65	8.45	11.85	11.23	10.64	12.03	14.24
20	12.82	12.60	11.67	13.63	13.15	12.86	4.95	10.62	10.63	11.63	12.10	13.62
25	14.05	11.75	12.21	13.82	13.25	11.65	5.35	11.53	10.55	11.97	12.30	14.26
DOM	14.53	11.27	12.56	14.06	13.15	10.65	10.45	10.37	10.40	10.59	13.06	14.09
MEAN	13.13	12.81	11.97	13.40	13.52	12.51	7.84	10.78	10.54	11.06	12.07	13.71
MAX	14.65	14.52	12.56	14.08	14.05	13.65	10.45	12.08	11.31	12.18	13.48	14.30
MIN	11.67	11.27	11.13	12.57	12.65	10.65	2.85	9.30	9.16	9.89	10.14	12.13
WTR YR 1979	MEAN	11.94	MAX	14.65	OCT 29	MIN	2.85	APR 24				

NOTE.--Record estimated Feb. 7 to Mar. 12, Mar. 22 to May 1, Aug. 16-28.

WELL NUMBER.--272120082322702. City of Sarasota 21st Street Well near Sarasota, FL.

LOCATION.--Lat 27°21'20", long 82°32'27", in NW¼NW¼ sec.18, T.36 S., R.18 E., Hydrologic Unit 03100201, 100 ft (30 m) north of 21st Street, 0.4 mi (0.6 km) east of State Highway 41, and 1.4 mi (2.3 km) north of Sarasota.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 561 ft (171 m), cased to 123 ft (37 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 8.20 ft (2.50 m) above land-surface datum.

DATUM.--Land-surface datum is 15.25 ft (4.65 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--April to September 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.20 ft (6.46 m) NGVD, Sept. 30, 1979; lowest, 14.94 ft (4.55 m) NGVD, Apr. 21, 1979.

ELEVATION, IN FEET NGVD, APRIL TO SEPTEMBER 1979  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5							---	15.33	17.16	17.24	18.13	20.68
10							---	16.01	17.05	17.99	18.55	20.68
15							---	16.55	17.25	18.16	18.97	20.95
20							15.19	17.25	17.23	18.65	19.41	20.90
25							15.35	17.18	16.96	19.06	19.86	20.96
DOM							15.52	16.59	17.04	18.79	20.09	21.20
MEAN							15.30	16.45	17.07	18.22	19.13	20.85
MAX							15.52	17.28	17.42	19.06	20.09	21.20
MIN							14.94	15.33	16.54	17.03	18.03	20.25
WTR YR 1979	MEAN	18.10	MAX	21.20	SEP 30	MIN	14.94	APR 21				

## SARASOTA COUNTY

WELL NUMBER.--272220082151401. KME Test Well 09 near Verna, FL.

LOCATION.--Lat 27°22'20", long 82°15'14", in SE¼SE¼ sec.1, T.36 S., R.20 E., Hydrologic Unit 03100102, in Verna Well Field, 0.9 mi (1.4 km) east of Verna Road, and 1.1 mi (1.8 km) southeast of Verna.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 575 ft (175 m), cased to 123 ft (37 m).

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

DATUM.--Land-surface datum is 72.92 ft (22.23 m) corrected, National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 78 ft (24 m), from topographic map. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--April to October 1964; April 1973 to current year, incomplete. Records of water levels prior to October 1975 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -5.11 ft (1.56 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 39.89 ft (12.16 m) NGVD, Oct. 15, 1964; lowest, 22.11 ft (6.74 m) below NGVD, May 7, 1976.

ELEVATION, IN 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	11.57	7.22	1.82	19.82	22.13	18.30	8.43	3.26	7.62	15.57	9.34	14.17
10	11.38	9.39	2.05	21.15	22.76	19.97	2.53	6.03	11.27	15.40	7.94	14.67
15	12.65	9.61	-1.77	22.71	20.59	16.22	1.14	7.45	13.65	13.20	8.88	13.31
20	11.95	-2.06	3.58	13.57	14.93	19.40	-3.30	10.60	5.72	12.40	12.71	13.03
25	12.64	1.63	5.35	15.47	14.02	14.60	1.11	-6.44	13.05	11.80	12.19	12.77
EOM	16.01	.13	15.31	20.35	12.61	9.00	-0.72	3.63	13.78	14.80	12.60	14.81
MEAN	12.03	4.10	4.21	16.88	18.40	16.95	1.61	2.26	10.51	13.28	11.78	14.03
MAX	16.01	10.62	18.61	22.71	23.77	20.40	8.43	10.60	14.75	16.49	20.69	18.15
MIN	5.99	-3.61	-2.58	12.71	9.71	9.00	-4.48	-6.44	3.36	9.05	7.02	12.16
WTR YR 1979	MEAN	10.47	MAX	23.77	FEB 8	MIN	-6.44	MAY 25				

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## SARASOTA COUNTY

WELL NUMBER.--272242082235501. Schroeder-Manatee leep Well near Sarasota, FL.

LOCATION.--Lat 27°22'42", long 82°23'55", in SW¼NW¼ sec.3, T.36 S., R.19 E., Hydrologic Unit 03100202, 0.1 mi (0.2 km) east of Lorraine Road, 0.5 mi (0.8 km) south of Manatee-Sarasota County line, and 1.7 mi (2.7 km) northeast of Sarasota.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused irrigation, artesian well, diameter 8 in (20 cm), depth 1,367 ft (417 m), cased to 430 ft (131 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 1.56 ft (0.48 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 44 ft (13 m), from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 23.40 ft (7.13 m) NGVD, Aug. 15, 1978; lowest, 6.42 ft (1.96 m) NGVD, Apr. 23, 1979.

REVISIONS.--Revised figures of maximum water levels, in feet NGVD, for water year 1978, superseding those published in WDR FL-78-3, are given herewith:

ELEVATION, IN FEET NGVD, JUNE TO SEPTEMBER 1978  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5									---	19.18	22.62	21.85
10									---	19.94	23.15	20.92
15									---	20.69	23.40	20.01
20									---	21.30	22.84	19.96
25									16.86	21.89	22.52	19.96
EOM									18.24	22.49	22.24	19.60
MEAN									16.94	20.69	22.80	20.59
MAX									18.24	22.49	23.40	22.23
MIN									15.47	18.46	22.10	19.57
WTR YR 1978	MEAN	20.93	MAX	23.40	AUG 15	MIN	15.47	JUN 21				

ELEVATION, IN 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	19.45	16.81	15.62	18.32	20.36	18.93	12.78	7.32	12.64	15.60	17.37	21.00
10	18.44	16.74	16.27	19.40	20.29	19.53	10.72	8.24	14.02	16.40	17.07	20.97
15	18.91	16.13	16.06	20.15	19.30	19.10	9.04	10.58	14.24	17.27	18.20	21.70
20	18.27	15.11	15.18	20.45	18.88	17.67	7.04	11.77	14.62	18.17	18.79	21.80
25	17.65	14.34	15.16	21.31	18.48	16.36	7.00	11.15	14.31	18.96	19.66	22.37
EOM	17.24	14.28	17.21	21.98	18.16	14.27	7.38	11.88	14.93	18.78	20.37	22.84
MEAN	18.39	15.77	15.71	20.01	19.42	17.85	9.46	9.85	13.90	17.32	18.50	21.66
MAX	19.63	17.20	17.21	21.98	21.09	19.71	14.24	11.88	14.93	19.01	20.37	22.84
MIN	17.15	14.19	14.42	17.50	17.54	14.27	6.42	7.01	12.04	15.12	16.90	20.51
WTR YR 1979	MEAN	16.48	MAX	22.84	SEP 30	MIN	6.42	APR 23				

## SARASOTA COUNTY

WELL NUMBER.--272248082175201. KME Well 14 A near Verna, FL.

LOCATION.--Lat 27°22'48", long 82°17'52", in SW¼NW¼ sec.3, T.36 S., R.20 E., Hydrologic Unit 03100201, 500 ft (150 m) southeast of water plant at Verna Well Field, and 1.8 mi (2.9 km) southwest of Verna.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, unused public supply, artesian well, diameter 6 in (15 cm), depth 107 ft (33 m), cased to 84 ft (26 m).

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

DATUM.--Land-surface datum is 80.14 ft (24.43 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 81 ft (25 m), from topographic map. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--January 1973 to current year, incomplete. Records of water levels prior to October 1976 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -0.06 ft (0.02 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 43.92 ft (13.39 m) NGVD, Sept. 30, 1973; lowest, 14.51 ft (4.42 m) NGVD, Jan. 20, 1973.

ELEVATION, IN 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	37.07	34.27	32.86	29.78	32.91	31.95	28.78	24.99	27.56	28.48	29.15	33.30
10	36.01	34.15	33.22	29.82	33.18	32.24	27.98	24.71	27.14	28.92	29.98	34.01
15	36.10	33.16	33.25	30.54	32.90	31.53	26.80	25.66	27.26	28.79	31.21	35.52
20	36.17	32.49	31.11	32.06	32.48	30.93	25.73	25.82	27.25	29.14	32.71	36.50
25	34.51	31.45	30.48	32.56	32.67	30.36	25.54	27.53	27.43	30.81	32.90	38.49
EOM	35.45	31.95	29.62	33.11	31.83	29.47	25.21	28.49	27.69	29.66	32.44	41.59
MEAN	35.89	33.15	31.85	31.19	32.79	31.18	26.93	26.08	27.33	29.30	31.14	35.89
MAX	37.48	35.56	33.29	33.11	33.32	32.24	29.47	28.77	28.13	30.81	33.14	41.59
MIN	34.26	31.07	29.62	29.55	31.83	29.47	25.21	24.71	26.89	28.03	28.44	32.55
WTR YR 1979	MEAN	31.05	MAX	41.59	SEP 30	MIN	24.71	MAY 10				

WELL NUMBER.--272255082172202. KME Recharge Well near Verna, FL.

LOCATION.--Lat 27°22'55", long 82°17'22", in SW¼NE¼ sec.3, T.36 S., R.20 E., Hydrologic Unit 03100201, at Verna Well Field, 0.5 mi (0.8 km) east of water plant, and 1.5 mi (2.4 km) southwest of Verna.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 1,200 ft (366 m), cased to 800 ft (244 m).

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

DATUM.--Land-surface datum is 78.77 ft (24.01 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 78.90 ft (24.05 m) NGVD. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby irrigation wells.

PERIOD OF RECORD.--June 1976 to current year. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using a datum correction of -0.13 ft (0.04 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 25.97 ft (7.92 m) NGVD, Aug. 21, 1978; lowest, 2.93 ft (0.89 m) below NGVD, May 4, 1977.

ELEVATION, IN 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	21.06	16.87	15.75	19.02	23.06	20.19	12.80	6.36	13.70	16.74	17.93	23.03
10	19.08	17.27	16.81	20.32	22.09	21.73	9.93	8.26	14.00	17.52	17.41	22.70
15	20.55	15.78	15.72	21.31	20.67	20.10	7.86	11.54	14.74	18.42	19.90	24.03
20	19.37	14.97	15.71	22.60	19.44	18.32	5.92	12.19	14.95	19.55	20.16	23.59
25	18.28	14.23	15.98	22.42	19.53	17.21	6.76	12.16	14.99	20.78	21.24	24.71
EOM	18.14	14.05	17.45	23.54	19.65	14.52	7.03	11.75	16.01	19.58	22.01	25.49
MEAN	19.50	15.81	15.98	21.25	21.06	18.88	8.78	10.11	14.42	18.58	19.59	23.74
MAX	21.44	17.88	17.45	23.54	23.14	21.90	14.32	12.76	16.01	20.83	22.01	25.49
MIN	18.10	13.82	14.53	17.87	18.74	14.52	5.77	5.88	12.45	16.27	17.04	22.18
WTR YR 1979	MEAN	17.30	MAX	25.49	SEP 30	MIN	5.77	APR 21				



## SARASOTA COUNTY

WELL NUMBER.--272256082175901. Verna T Well 0-3 near Verna, FL.

LOCATION.--Lat 27°22'56", long 82°17'59", in NW¼NW¼ sec.3, T.36 S., R.20 E., Hydrologic Unit 03100102, 1.8 mi (2.9 km) west of Verna Road, and 1.8 mi (2.9 km) southwest of Verna.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 500 ft (152 m), cased to 140 ft (43 m).

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

DATUM.--Land-surface datum is 81.13 ft (24.73 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.87 ft (6.67 m) NGVD, Aug. 21, 1978; lowest, 18.20 ft (5.54 m) estimated, below NGVD, June 19, 1978

ELEVATION, IN 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	10.06	3.94	3.12	3.60	8.83	8.12	-2.52	-7.40	.96	6.49	.59	10.63
10	9.64	5.74	3.93	5.59	10.06	9.66	-6.21	-8.21	-4.62	2.36	.35	10.02
15	13.05	4.03	1.27	7.89	8.13	9.09	-6.39	-1.10	1.39	2.43	10.93	16.99
20	13.08	-0.19	-0.40	9.01	7.86	4.58	-8.46	-5.72	1.67	-0.33	11.28	16.70
25	9.87	.87	.60	10.57	7.02	4.25	-7.23	6.18	1.39	8.72	5.18	17.90
EOM	12.75	.71	2.20	7.49	7.70	4.30	-7.17	-4.87	-0.14	-6.02	4.81	19.90
MEAN	10.84	3.07	1.66	6.94	8.65	6.32	-5.61	-4.05	-0.28	4.09	4.50	13.82
MAX	13.44	9.31	4.48	10.57	15.38	10.69	2.24	6.27	2.67	10.46	12.85	19.90
MIN	6.82	-2.92	-2.31	2.40	5.87	2.08	-9.91	-8.51	-5.48	-6.02	-7.51	4.08
WTR YR 1979	MEAN	4.14	MAX	19.90	SEP 30	MIN	-9.91	APR 18				

WELL NUMBER.--272257082180202. KME Water Table Well 11 near Verna, FL.

LOCATION.--Lat 27°22'57", long 82°18'02", in SW¼NW¼ sec.3, T.36 S., R.20 E., Hydrologic Unit 03100201, 500 ft (150 m) west of water plant, and 1.9 mi (3.1 km) southwest of Verna.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 21 ft (6 m), cased to 18 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.2 ft (0.4 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 79 ft (24 m), from topographic map.

PERIOD OF RECORD.--November 1972 to current year (bimonthly). 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, 79.62 ft (24.27 m) NGVD, Oct. 11, 1973; lowest measured, 72.34 ft (22.05 m) NGVD, May 20, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
02...	1340	78.14	15...	1328	76.22
DEC			JUN		
04...	1315	76.07	12...	1150	75.91
FEB , 1979			AUG		
06...	1250	77.89	02...	1520	75.85
APR			SEP		
04...	1430	76.15	18...	1120	78.65



## SARASOTA COUNTY

WELL NUMBER.--272258082181701. KME Water Table Well 09 near Verna, FL.

LOCATION.--Lat 27°22'58", long 82°18'17", in SE¼NE¼ sec.4, T.36 S., R.20 E., Hydrologic Unit 03100201, 0.5 mi (0.8 km) east of water plant in Verna Well Field, and 2.2 mi (3.5 km) southwest of Verna.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in (20 cm), depth 42 ft (13 m), cased to 21 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of 6 in (15 cm) PVC flange, 2.74 ft (0.84 m) above land-surface datum. Prior to Feb. 6, 1979, top of recorder shelter floor, 2.80 ft (0.85 m) above land-surface datum.

DATUM.--Land-surface datum is 79.00 ft (24.08 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--February 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 79.13 ft (24.12 m) NGVD, Jan. 19, 1978, Sept. 21, 29, 1979; lowest, 73.93 ft (22.53 m) NGVD, July 4, 1977.

ELEVATION, IN 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	77.97	76.29	75.80	77.08	77.69	77.90	76.35	75.46	76.91	76.80	76.06	78.54
10	77.07	76.43	75.52	77.04	77.55	77.91	76.15	75.93	76.39	77.75	75.82	78.93
15	78.33	76.10	75.39	78.55	77.24	77.31	75.96	77.62	77.63	77.05	76.97	79.00
20	77.13	75.93	75.26	78.23	77.06	76.93	75.70	76.86	76.79	77.03	77.21	78.23
25	76.69	75.75	75.28	78.93	78.70	76.79	75.96	76.48	76.45	76.66	78.24	78.60
EOM	76.53	75.59	76.08	78.28	77.87	76.54	75.66	77.38	77.08	76.17	78.77	79.06
MEAN	77.35	76.09	75.56	77.99	77.63	77.33	76.00	76.39	77.02	77.14	77.25	78.84
MAX	78.54	76.60	76.11	79.10	78.70	78.67	76.50	77.62	78.35	78.30	78.81	79.13
MIN	76.53	75.59	75.20	76.03	77.03	76.54	75.61	75.42	76.31	76.17	75.79	78.22
WTR YR 1979	MEAN	77.04	MAX	79.13	SEP 21 AND OTHERS	MIN	75.20	DEC 23 AND OTHERS				

## SARASOTA COUNTY

WELL NUMBER.--272258082195301. KME Well 04 near Verna, FL.

LOCATION.--Lat 27°22'58", long 82°19'53", in NW¼NW¼ sec.5, T.36 S., R.20 E., Hydrologic Unit 03100201, at Verna Well Field, 2.0 mi (3.2 km) west of water plant, and 3.9 mi (6.3 km) southwest of Verna.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 440 ft (134 m), cased to 91 ft (28 m).

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

DATUM.--Land-surface datum is 62.25 ft (18.97 m) National Geodetic Vertical Datum of 1929 (levels by city of Sarasota).

REMARKS.--Water levels affected by pumping of nearby irrigation wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--March 1964 to current year, incomplete. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 47.33 ft (14.43 m) corrected, NGVD, Apr. 5, 1964; lowest, 1.88 ft (0.57 m) NGVD, May 6, 1976.

ELEVATION, IN 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	25.90	24.00	22.57	23.90	27.09	25.81	22.37	16.72	19.23	20.56	22.33	24.80
10	25.20	23.94	22.91	24.53	27.04	26.35	20.91	16.79	19.53	20.97	21.80	25.07
15	25.22	23.51	22.63	25.09	26.71	26.15	19.29	17.76	19.87	21.44	22.51	25.70
20	25.05	22.97	22.55	26.01	26.25	25.36	17.83	18.45	19.98	22.11	22.87	25.95
25	24.58	22.49	22.66	26.35	25.99	24.65	17.25	18.43	19.88	22.68	23.51	26.41
EOM	24.21	22.15	23.13	27.08	26.01	23.33	17.01	18.48	20.14	22.78	24.18	26.98
MEAN	25.11	23.30	22.67	25.31	26.62	25.41	19.50	17.68	19.65	21.61	22.80	25.65
MAX	26.08	24.15	23.13	27.08	27.22	26.43	23.16	18.52	20.14	22.80	24.18	26.98
MIN	24.21	22.15	22.20	23.34	25.90	23.33	17.01	16.40	18.68	20.22	21.80	24.30
WTR YR 1979	MEAN	22.92	MAX	27.22	FEB 6	MIN	16.40	MAY 7				

WELL NUMBER.--272258082195302. KME Well 04-A near Verna, FL.

LOCATION.--Lat 27°22'58", long 82°19'53", in NW¼NW¼ sec.5, T.36 S., R.20 E., Hydrologic Unit 03100201, at Verna Well Field, 2.0 mi (3.2 km) west of water plant, and 3.9 mi (6.2 km) southwest of Verna.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 20 ft (6 m), cased to 17 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 62.61 ft (19.08 m) National Geodetic Vertical Datum of 1929 (levels by city of Sarasota).

PERIOD OF RECORD.--January 1965 to current year (bimonthly), incomplete. 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, 62.48 ft (19.04 m) NGVD, Sept. 12, 1973; lowest measured, 56.61 ft (17.25 m) NGVD, May 20, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	DATE	TIME	ELEV- ATION (FT. NGVD) (72020)
OCT , 1978			MAY , 1979		
02...	1715	61.78	14...	0915	60.53
DEC			JUN		
04...	1250	60.56	13...	1350	60.66
FEB , 1979			AUG		
06...	1500	61.56	02...	1650	58.65
APR			SEP		
04...	1400	60.39	18...	0820	62.16

## SARASOTA COUNTY

WELL NUMBER.--272301082191401. KME 02 Well near Verna, FL.

LOCATION.--Lat 27°23'01", long 82°19'14", in NE¼NE¼ sec.5, T.36 S., R.20 E., Hydrologic Unit 03100201, 1.5 mi (2.4 km) west of water plant in Verna Well Field, and 3.4 mi (5.5 km) southwest of Verna.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 16 in (41 cm), depth 860 ft (262 m), cased to 356 ft (109 m).

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

DATUM.--Land-surface datum is 71.95 ft (21.93 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 71 ft (22 m), from topographic map. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--October 1964 to current year. Records of water levels prior to October 1976 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +0.95 ft (0.30 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 34.85 ft (10.62 m) NGVD, Oct. 15, 1964; lowest, 9.05 ft (2.78 m) below NGVD, May 10, 1975.

ELEVATION, IN 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	20.28	16.33	15.52	18.00	23.41	19.46	11.79	5.18	12.83	14.90	16.39	22.52
10	18.57	17.31	16.80	19.62	22.51	21.01	8.81	7.21	13.56	15.79	15.64	21.88
15	19.65	15.38	15.39	21.55	21.12	19.44	6.72	11.08	13.95	17.79	17.86	22.63
20	18.58	14.40	15.34	22.93	19.80	17.38	4.82	11.18	14.13	17.97	18.42	22.25
25	17.52	14.30	15.86	23.34	18.99	16.31	5.66	12.21	13.42	20.19	20.31	24.26
EOM	17.32	13.64	17.30	24.12	19.06	13.88	5.91	11.07	14.33	17.91	20.62	24.73
MEAN	18.84	15.57	15.78	21.31	21.28	18.11	7.66	9.42	13.43	17.33	18.02	22.84
MAX	21.38	17.58	17.30	24.12	23.51	21.26	13.21	12.26	14.33	20.28	20.62	24.73
MIN	17.26	13.53	14.22	17.71	18.96	13.88	4.78	4.61	11.63	14.48	15.30	20.84
WTR YR 1979	MEAN	16.61	MAX	24.73	SEP 30	MIN	4.61	MAY 6				

WELL NUMBER.--272307082173801. KME Well 16 A near Verna, FL.

LOCATION.--Lat 27°23'07", long 82°17'38", in NE¼NW¼ sec.3, T.36 S., R.20 E., Hydrologic Unit 03100201, 0.6 mi (1.0 km) south of State Highway 70 at Verna Well Field, and 1.6 mi (2.6 km) southwest of Verna.

AQUIFER.--Hawthorn formation of Miocene Age, Geologic Unit 122 HTRN.

WELL CHARACTERISTICS.--Drilled, unused public supply, artesian well, diameter 6 in (15 cm), depth 131 ft (40 m), cased to 89 ft (27 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.00 ft (0.91 m) above land-surface datum. Prior to Oct. 1, 1977, top of flange, 2.94 ft (0.90 m) above land-surface datum.

DATUM.--Land-surface datum is 79.07 ft (24.10 m) National Geodetic Vertical Datum of 1929 (levels by private contractors). Prior to Oct. 1, 1977, land-surface datum was considered to be 80 ft (24 m), from topographic map. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--October 1972 to current year, incomplete. Records of water levels prior to October 1976 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -0.93 ft (0.28 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 45.46 ft (13.86 m) NGVD, Oct. 10, 1972; lowest, 10.97 ft (3.34 m) corrected, NGVD, Jan. 25, 1973.

ELEVATION, IN 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	34.58	32.21	30.36	26.92	30.38	29.27	26.01	21.97	24.69	25.51	26.22	30.57
10	33.53	31.83	30.69	27.06	30.72	29.56	25.17	21.72	24.16	26.04	27.09	31.28
15	33.58	30.81	30.79	27.82	30.35	28.87	23.92	22.59	24.19	25.91	28.35	32.76
20	33.60	30.09	28.58	29.34	29.91	28.35	22.79	22.93	24.19	26.27	29.91	33.80
25	32.12	29.12	27.82	29.86	29.96	27.70	22.49	24.61	24.38	27.97	30.11	35.77
EOM	33.07	29.41	26.87	30.53	29.16	26.78	22.20	25.60	24.66	26.87	29.69	39.04
MEAN	33.41	30.83	29.31	28.44	30.19	28.53	24.05	23.13	24.34	26.41	28.30	33.18
MAX	35.08	33.24	30.85	30.53	30.79	29.56	26.77	25.99	25.27	27.97	30.33	39.04
MIN	31.88	28.69	26.87	26.91	29.16	26.78	22.20	21.72	23.92	25.01	25.54	29.78
WTR YR 1979	MEAN	28.33	MAX	39.04	SEP 30	MIN	21.72	MAY 10				

## SARASOTA COUNTY

WELL NUMBER.--272308082161801. KME Well 08 at Verna, FL.

LOCATION.--Lat 27°23'08", long 82°16'18", in NE¼NE¼ sec.2, T.36 S., R.20 E., Hydrologic Unit 03100201, at Verna Well Field, 300 ft (90 m) south of Manatee County line, and 0.2 mi (0.3 km) southwest of Verna.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 445 ft (136 m), cased to 126 ft (38 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 2.60 ft (0.79 m) corrected, above land-surface datum.

DATUM.--Land-surface datum is 95.94 ft (29.24 m) National Geodetic Vertical Datum of 1929 (levels by city of Sarasota). Prior to Oct. 1, 1977, land-surface datum was considered to be 96.34 ft (29.36 m) NGVD. See PERIOD OF RECORD.

REMARKS.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--March 1964 to current year, incomplete. Records of water levels prior to October 1975 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1977, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -0.40 ft (0.12 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 43.27 ft (13.19 m) NGVD, Apr. 30, 1964; lowest, 14.38 ft (4.38 m) below NGVD, May 1, 1976.

ELEVATION, IN 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	7.44	6.07	5.25	12.93	16.51	14.10	5.86	1.91	3.66	5.84	9.84	14.06
10	5.85	5.87	5.29	14.47	17.41	15.88	2.90	4.19	3.76	6.11	8.63	13.49
15	6.38	5.21	7.99	13.36	15.78	13.21	.22	4.94	4.69	6.25	15.03	16.55
20	6.59	4.68	8.32	14.05	14.39	10.98	-0.72	8.75	3.49	8.00	17.20	17.42
25	6.04	3.93	9.50	16.09	12.08	9.97	.54	3.75	3.18	8.02	13.14	18.19
EOM	6.77	3.69	11.38	15.48	14.43	9.02	.37	3.91	4.56	11.13	13.59	13.17
MEAN	6.45	5.15	7.45	14.19	15.41	12.26	2.12	4.59	3.72	7.29	12.40	15.49
MAX	7.56	6.83	11.51	16.54	18.20	15.88	8.66	8.75	5.11	11.13	17.20	18.48
MIN	5.39	3.06	4.16	11.40	11.99	7.63	-0.74	.79	2.80	4.66	8.53	13.17
WTR YR 1979	MEAN	8.85	MAX	18.48	SEP 24	MIN	-0.74	APR 21				

WATER RESOURCES DATA FOR FLORIDA, 1979  
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KEY TO SITE LOCATIONS ON FIGURE 19  
SUMTER COUNTY

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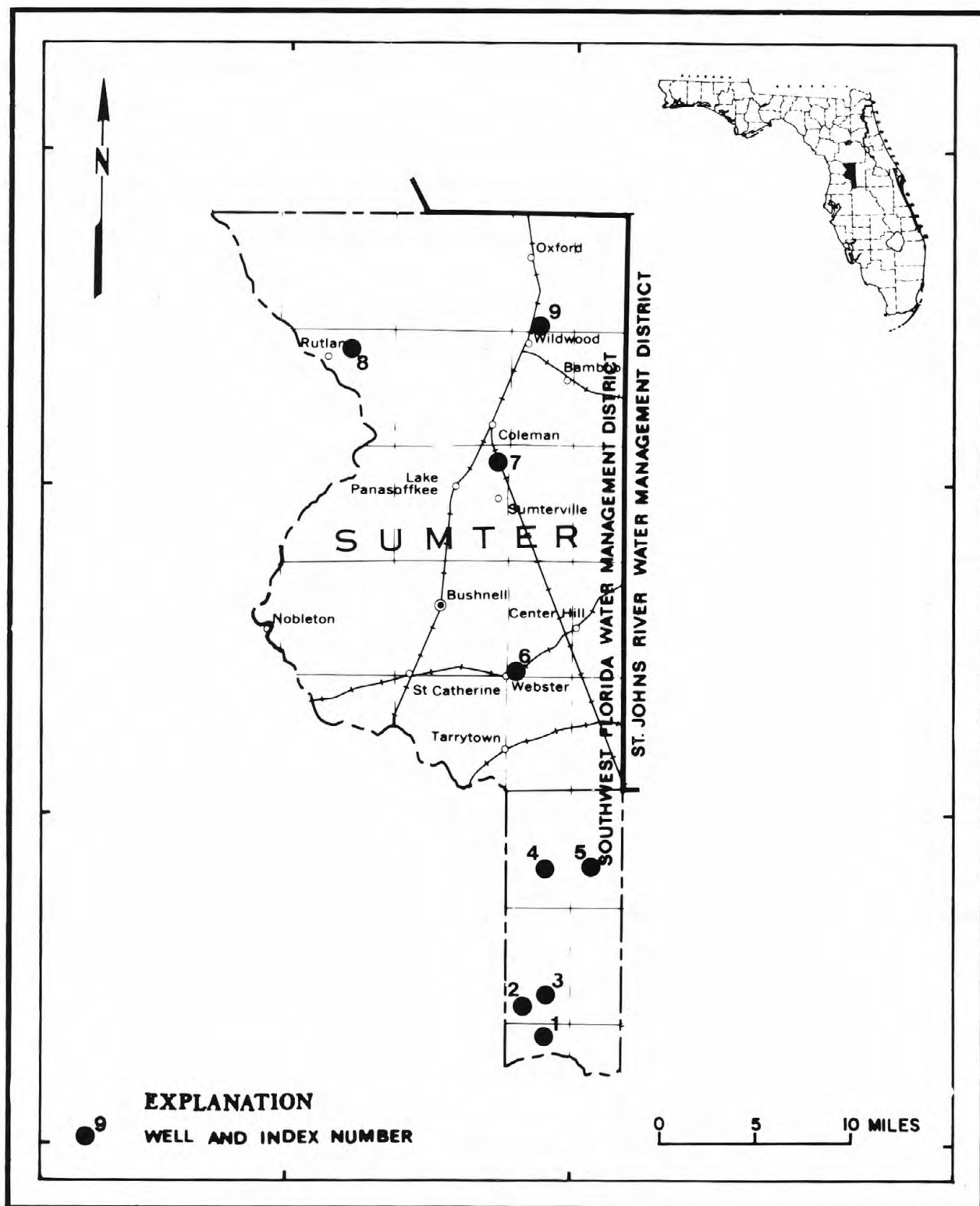


Figure 19. Location of wells in Sumter County



## SUMTER COUNTY

WELL NUMBER.--281951082012001. Local Number Sumter 819-201-01. Green Swamp Well L11MD near Dade City, FL.

LOCATION.--Lat 28°19'51", long 82°01'20", in SE¼NE¼NE¼ sec.9, T.25 S., R.23 E., Hydrologic Unit 03100208, on south side of Main Line Road, 300 ft (91 m) west of Cross Creek Bridge, 2.2 mi (3.5 km) southeast of Cumpressco, and 12 mi (19 km) east of Dade City.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 49 ft (15 m), casing length unknown.

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.10 ft (0.64 m) above land-surface datum.

DATUM.--Land-surface datum is 92.84 ft (28.30 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to September 1977 (monthly), October 1977 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, 91.74 ft (27.96 m) NGVD, Sept. 20, 1979; lowest measured, 85.51 ft (26.06 m) NGVD, May 10, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV 07...	1225	87.76	MAY 10...	1220	91.17
JAN 29...	1200	90.91	JUL 02...	1215	89.63
MAR 22...	1130	90.88	SEP 20...	1530	91.74

WELL NUMBER.--281951082012002. Local Number Sumter 819-201-02. Green Swamp Well L11MM near Dade City, FL.

LOCATION.--Lat 28°19'51", long 82°01'20", in SE¼NE¼NE¼ sec.9, T.25 S., R.23 E., Hydrologic Unit 03100208, on south side of Main Line Road, 300 ft (91 m) west of Cross Creek Bridge, 2.2 mi (3.5 km) southeast of Cumpressco, and 12 mi (19 km) east of Dade City.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 18 ft (5 m), casing length unknown.

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.25 ft (0.68 m) above land-surface datum.

DATUM.--Land-surface datum is 92.97 ft (28.34 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to September 1977 (monthly), October 1977 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, 91.83 ft (27.99 m) NGVD, Sept. 20, 1979; lowest measured, 84.43 ft (25.73 m) NGVD, June 9, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV 07...	1225	87.76	MAY 10...	1220	91.15
JAN 29...	1200	90.92	JUL 02...	1210	89.91
MAR 22...	1130	90.87	SEP 20...	1530	91.83
MAY 10...	1215	91.15			

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## SUMTER COUNTY

WELL NUMBER.--281951082012003. Local Number Sumter 819-201-03. Green Swamp Well L11MS near Dade City, FL.

LOCATION.--Lat 28°19'51", long 82°01'20", in SE¼NE¼ sec.9, T.25 S., R.23 E., Hydrologic Unit 03100208, on south side of Main Line Road, 300 ft (91 m) west of Cross Creek Bridge, 2.2 mi (3.5 km) southeast of Cumpresso, and 12 mi (19 km) east of Dade City.

AQUIFER.--Nonartesian Sand aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water table well, diameter 2 in (5 cm), depth 9 ft (3 m), casing length unknown.

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.50 ft (0.46 m) above land-surface datum.

DATUM.--Land-surface datum is 92.67 ft (28.25 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to September 1977 (monthly), October 1977 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, 92.67 ft (28.25 m) NGVD, Aug. 23, 1977; lowest measured, 85.07 ft (25.93 m) NGVD, June 9, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV 07...	1225	87.18	MAY 10...	1215	92.00
JAN 24...	1200	91.54	JUL 02...	1215	89.07
MAR 22...	1130	91.31	SEP 20...	1530	91.47

WELL NUMBER.--282127082022501. Local Number Sumter 821-202-411. Cumpresso Ranch Well near Tarrytown, FL.

LOCATION.--Lat 28°21'27", long 82°02'25", in SE¼NE¼ sec.31, T.24 S., R.23 E., Hydrologic Unit 03100208, in pasture, 600 ft (183 m) south of Main Line Road, 1.6 mi (2.6 km) east of State Highway 471, and 13.6 mi (21.9 km) south of Tarrytown.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 143 ft (44 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.01 ft (0.92 m) above land-surface datum.

DATUM.--Land-surface datum is 97.40 ft (29.69 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 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, 94.15 ft (28.70 m) NGVD, Sept. 16, 1979; lowest, 85.11 ft (25.94 m) NGVD, July 2, 1977.

ELEVATION, IN 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	91.14	89.41	88.34	91.01	92.11	93.11	91.51	90.27	91.18	89.51	89.14	93.21
10	90.67	89.18	88.18	91.14	92.06	93.39	91.27	93.39	90.62	89.68	90.20	92.31
15	90.62	88.93	88.01	92.57	91.81	92.76	90.89	93.31	90.22	90.03	92.68	94.14
20	90.32	88.71	87.86	92.44	91.60	92.33	90.42	92.22	89.51	90.21	93.52	93.25
25	90.00	88.55	87.82	92.94	92.85	92.47	90.54	92.56	89.45	90.25	93.80	89.45
EOM	89.66	88.31	89.14	92.46	92.77	91.80	90.53	91.67	89.45	89.59	92.77	89.40
MAX	91.36	89.63	89.14	93.04	92.93	94.07	91.77	93.52	91.56	90.28	93.80	94.15
WTR YR 1979	MEAN	90.98	MAX	94.15	SEP 16	MIN	87.75	DEC 23				

## SUMTER COUNTY

WELL NUMBER.--282152082011201. Local Number Sumter 821-201-01. Green Swamp Well L11KD near Dade City, FL.

LOCATION.--Lat 28°21'52", long 82°01'12", in SW¼NW¼NE¼ sec.33, T.24 S., R.23 E., Hydrologic Unit 03100208, 1,800 ft (549 m) north of East Grade Road, 1.3 mi (2.1 km) northeast of Cumpresso, and 11 mi (18 km) east of Dade City.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 36 ft (11 m), casing length unknown.

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

DATUM.--Land-surface datum is 93.13 ft (28.39 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to September 1977 (monthly), October 1977 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, 92.72 ft (28.26 m) NGVD, Sept. 20, 1979; lowest measured, 86.50 ft (26.36 m) NGVD, June 9, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV			MAY		
07...	1300	89.82	10...	1310	92.39
JAN			JUL		
29...	1245	92.05	02...	1245	90.23
MAR			SEP		
22...	1210	92.03	20...	1605	92.72

WELL NUMBER.--282152082011202. Local Number Sumter 821-201-02. Green Swamp Well L11KS near Dade City, FL.

LOCATION.--Lat 28°21'52", long 82°01'12", in SW¼NW¼NE¼ sec.33, T.24 S., R.23 E., Hydrologic Unit 03100208, 1,800 ft (549 m) north of East Grade Road, 1.3 mi (2.1 km) northeast of Cumpresso, and 11 mi (18 km) east of Dade City.

AQUIFER.--Nonartesian Sand aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 17 ft (5 m), casing length unknown.

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.15 ft (0.96 m) above land-surface datum.

DATUM.--Land-surface datum is 93.08 ft (28.37 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to September 1977 (monthly), October 1977 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, 93.06 ft (28.36 m) NGVD, Oct. 2, 1974; lowest measured, 86.48 ft (26.36 m) NGVD, June 9, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV			MAY		
07...	1300	89.80	10...	1305	92.37
JAN			JUL		
29...	1240	92.03	02...	1245	90.23
MAR			SEP		
22...	1210	92.02	20...	1605	92.72

## SUMTER COUNTY

WELL NUMBER.--282740082012101. Local Number Sumter 827-201-01. Green Swamp Well L12BD near Bay Lake, FL.

LOCATION.--Lat 28°27'40", long 82°01'21", in SE¼NW¼NE¼ sec.28, T.23 S., R.23 E., Hydrologic Unit 03100208, on south side of Center Grade Road, 2.1 mi (3.4 km) east of State Highway 471, 2.8 mi (4.5 km) east of Clay Sink, and 7 mi (11 km) west of Bay Lake.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 30 ft (9 m), casing length unknown.

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.48 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 93.12 ft (28.38 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to September 1977 (monthly), October 1977 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, 92.24 ft (28.12 m) NGVD, June 25, 1976; lowest measured, 86.64 ft (26.41 m) NGVD, June 9, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV			MAY		
07...	1410	88.88	10...	1430	92.05
JAN			JUL		
29...	1415	91.55	02...	1445	89.82
MAR			SEP		
22...	1335	91.50	20...	1745	92.12

WELL NUMBER.--282740082012102. Local Number Sumter 827-201-02. Green Swamp Well L12BS near Bay Lake, FL.

LOCATION.--Lat 28°27'40", long 82°01'21", in SE¼NW¼NE¼ sec.28, T.23 S., R.23 E., Hydrologic Unit 03100208, on south side of Center Grade Road, 2.1 mi (3.4 km) east of State Highway 471, 2.8 mi (4.5 km) east of Clay Sink, and 7 mi (11 km) west of Bay Lake.

AQUIFER.--Nonartesian Sand aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 10 ft (3 m), casing length unknown.

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.45 ft (0.75 m) above land-surface datum.

DATUM.--Land-surface datum is 93.10 ft (28.38 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to September 1977 (monthly), October 1977 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, 92.21 ft (28.11 m) NGVD, June 25, 1976; lowest measured, 86.61 ft (26.40 m) NGVD, June 9, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV			MAY		
07...	1410	88.85	10...	1430	91.97
JAN			JUL		
29...	1415	91.54	02...	1445	89.83
MAR			SEP		
22...	1335	91.47	20...	1745	92.11

## SUMTER COUNTY

WELL NUMBER.--282741081585701. Local Number Sumter 827-158-131. Withlacoochee State Forest Green Swamp Well near Bay Lake, FL.

LOCATION.--Lat 28°27'41", long 81°58'57", in NE¼NE¼NW¼ sec.26, T.23 S., R.23 E., Hydrologic Unit 03100208, in Withlacoochee State Forest, at southwest corner of Center Road and South Loop Road, 4.8 mi (7.7 km) east of State Highway 471, and 4.8 mi (7.7 km) west of Bay Lake.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in (8 cm), depth 175 ft (53 m), cased to 99 ft (30 m).

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

DATUM.--Land-surface datum is 96.94 ft (29.55 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1959, September 1964 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, 96.50 ft (29.41 m) NGVD, July 8, 1974; lowest measured, 91.59 ft (27.92 m) NGVD, May 2, 1975.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV 07...	1400	92.66	MAY 10...	1420	95.91
JAN 29...	1400	95.48	JUL 02...	1430	92.81
MAR 22...	1325	95.55	SEP 20...	1730	96.37

WELL NUMBER.--283638082025701. Local Number Sumter 836-202-131. Webster City Well at Webster, FL.

LOCATION.--Lat 28°36'38", long 82°02'57", in SW¼SE¼SW¼ sec.31, T.21 S., R.23 E., Hydrologic Unit 03100208, near town water tank at east end of Main Street in Webster.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm), depth 423 ft (129 m), cased to 200 ft (61 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 2 in (5 cm) riser pipe, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 92.38 ft (28.16 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1963 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, 87.94 ft (26.80 m) NGVD, Jan. 8, 1970; lowest measured, 76.39 ft (23.28 m) NGVD, Aug. 24, 1977.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
OCT 04...	1000	80.64	APR 30...	0955	80.73
NOV 09...	1505	79.56	30...	1000	80.73
JAN 29...	1715	81.24	JUL 03...	0745	81.36
MAR 22...	1640	82.13	SEP 21...	1750	82.80

## WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

## SUMTER COUNTY

WELL NUMBER.--284619082035101. Local Number 846-203-01. ROMP Deep Well 111 at Tompkins Park, near Coleman, FL.

LOCATION.--Lat 28°46'19", long 82°03'51", in NW¼SE¼SW¼ sec.1, T.20 S., R.22 E., Hydrologic Unit 03100208, in G.B. Tompkins Park on U.S. Highway 301, 500 ft (152 m) north of Shady Brook, and 2.0 mi (3.2 km) south of Coleman.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 8 in (20 cm), depth 225 ft (69 m), cased to 63 ft (19 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 1.72 ft (0.52 m) above land-surface datum.

DATUM.--Land-surface datum is 63.61 ft (19.39 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels were estimated from nearby well 285121082112201.

PERIOD OF RECORD.--October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 56.50 ft (17.22 m) NGVD, estimated, Sept. 30, 1979; lowest, 52.19 ft (15.91 m) NGVD, Apr. 30, 1976.

ELEVATION, IN 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	52.74	52.47	52.60	52.73	54.04	53.73	53.62	53.27	54.45	53.72	53.36	53.13
10	52.67	52.51	52.50	52.75	53.87	54.16	53.49	55.35	54.17	53.80	53.48	53.11
15	52.64	52.42	52.53	53.16	53.78	54.15	53.34	55.53	53.94	53.93	53.50	54.00
20	52.59	52.41	52.54	53.41	53.67	54.12	53.15	55.22	53.65	53.86	53.32	54.65
25	52.47	52.41	52.54	53.92	53.80	53.97	53.25	55.01	53.80	53.72	53.23	54.70
EOM	52.57	52.35	52.64	54.20	53.75	53.75	53.43	54.71	53.72	53.41	53.13	56.50
MAX	52.86	52.57	52.65	54.20	54.09	54.19	53.76	55.55	54.65	53.93	53.50	56.50
WTR YR 1979	MEAN	53.51	MAX	56.50	SEP 30	MIN	52.35	NOV 28	AND OTHERS			

NOTE.--Estimated Sept. 13-30.

WELL NUMBER.--285121082112201. Local Number Sumter 851-211-414. Sumter Well Number 13 near Wildwood, FL.

LOCATION.--Lat 28°51'21", long 82°11'22", in NW¼NE¼NE¼ sec.10, T.19 S., R.21 E., Hydrologic Unit 03100208, on south side of State Highway 44, 2.0 mi (3.2 km) east of Withlacoochee River, and 9.1 mi (14.6 km) west of Wildwood.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 31 ft (9 m), cased to 26 ft (8 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of 6 in (15 cm) coupling, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 50.80 ft (15.48 m) revised, National Geodetic Vertical Datum of 1929. Prior to Aug. 15, 1979 land-surface datum was considered to be 50.40 ft (15.36 m) NGVD.

REMARKS.--The figures of water level as elevation NGVD prior to Aug. 15, 1979 are in error. Revised records are available in files of the Geological Survey.

PERIOD OF RECORD.--December 1964 to July 1973 (bimonthly), August 1973 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, 46.82 ft (14.27 m) NGVD, Sept. 30, 1979; lowest, 38.81 ft (11.83 m) NGVD, Aug. 20, 1977.

ELEVATION, IN 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	41.41	40.24	40.17	40.24	42.09	41.92	41.85	41.73	43.55	42.20	42.48	42.89
10	41.21	40.33	40.16	40.25	41.94	43.10	41.69	45.62	43.20	42.05	42.42	42.78
15	41.16	40.18	40.11	41.36	41.78	42.72	41.51	45.20	43.06	42.15	42.46	44.25
20	40.97	40.04	40.01	41.49	41.61	42.44	41.25	44.27	42.68	43.27	42.12	43.78
25	40.75	39.98	39.96	42.42	41.74	42.27	41.45	44.55	42.65	43.20	42.49	44.29
EOM	40.57	39.87	40.15	42.38	41.77	42.03	41.56	44.02	42.48	42.58	42.54	46.82
MAX	41.72	40.55	40.20	42.52	42.25	43.21	42.00	45.62	43.94	43.29	42.59	46.82
WTR YR 1979	MEAN	42.02	MAX	46.82	SEP 30	MIN	39.87	NOV 30				



## SUMTER COUNTY

WELL NUMBER.--285207082014501. Local Number Sumter 852-201-334. Masters Avenue City Well at Wildwood, FL.

LOCATION.--Lat 28°52'07", long 82°01'45", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$  sec.5, T.19 S., R.23 E., Hydrologic Unit 03100208, 100 ft (30 m) east of Masters Avenue, and 600 ft (183 m) north of Cleveland Avenue in Wildwood.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, artesian well, diameter 12 in (30 cm), depth 125 ft (38 m), cased to 45 ft (14 m).

INSTRUMENTATION.--Tape measured. Measuring point: Bottom edge of 2 in (5 cm) vent pipe, 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 82.06 ft (25.01 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1961 to current year (bimonthly), incomplete. 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, 57.86 ft (17.64 m) NGVD, Sept. 15, 1964; lowest measured, 46.03 ft (14.03 m) NGVD, May 15, 1976.

## ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979

DATE	TIME	ELEV- ATION (FT. NGVD)	DATE	TIME	ELEV- ATION (FT. NGVD)
NOV			SEP		
09...	1705	48.82	18...	1530	49.08
MAY			19...	1615	49.26
01...	0805	48.39			



## MISCELLANEOUS WATER LEVEL MEASUREMENTS

MISCELLANEOUS WATER LEVEL MEASUREMENTS  
 OCTOBER 1978 TO SEPTEMBER 1979

STATION NUMBER	STATION NAME	LAT- ITUDE	LONG- ITUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
CITRUS							
284101082184301	84121801 21S20E04 OAK FOREST SUBMERSIBLE	28 41 01	082 18 43	01	79-05-10 79-09-19	29.72 30.60	62.97 62.09
284339082245401	84322401 20S19E21 WSF-TILLIS HILL REC AREA	28 43 39	082 24 54	01	78-11-07 79-01-03 79-05-10	18.21 17.37 14.23	-- -- 217.34
284519082150701	84521501 20S21E07 HOMER N FISHER	28 45 19	082 15 07	01	79-05-10 79-09-19	42.70 42.14	14.28 14.84
284528082211801	84522101 20S19E12 WSF-MUTUAL MINE REC AREA	28 45 28	082 21 18	01	78-11-07 79-01-03 79-07-03 79-09-19	19.63 18.61 17.64 17.95	-- -- -- 31.66
284752082202501	84722001 19S20E31 HIGHLANDS VFD NR INVERNESS	28 47 52	082 20 25	01	79-05-09 79-09-19	18.28 20.14	40.07 38.21
284805082225701	84822201 19S19E26 WSF-HOLDER MINE REC AREA	28 48 05	082 22 57	01	79-09-19	12.73	54.35
284844082282801	84822801 19S18E22 WSF-PERRYMAN TRACT	28 48 44	082 28 28	01	79-05-09 79-09-19	6.30 7.32	71.31 70.29
284852082162301	84821601 19S20E23 7 LAKES PARK ENTRANCE	28 48 52	082 16 23	01	79-05-10 79-09-19	40.42 40.62	8.15 7.95
284940082291901	LEN YOUNG D. WELL NR LECANTO, FL	28 49 40	082 29 19	01	79-05-16 79-09-10 79-09-19	3.99 4.54 4.67	-- -- --
284958082190401	84921901 19S20E16 CITRUS 8 U S GEOL SURVEY	28 49 58	082 19 04	01	79-05-10	37.48	5.90
285026082174101	85021701 19S20E15 CITRUS 9 U S GEOL SURVEY	28 50 26	082 17 41	01	79-05-09 79-09-19	39.83 39.65	12.94 13.12
285037082213801	85022101 19S19E12 INVERNESS VILLAGE EASTW	28 50 37	082 21 38	01	79-05-09 79-09-19	19.74 21.28	72.71 71.17
285056082163001	85021601 19S20E11 CITRUS 10 U S GEOL SURVEY	28 50 56	082 16 30	01	79-05-10	39.58	7.00
285246082215601	85222101 18S19E36 85121131 CITRUS CO PARK	28 52 46	082 21 56	01	79-05-09 79-09-19	24.47 25.08	39.80 39.19
285248082183201	85221801 18S20E33 ELMER HEATH	28 52 48	082 18 32	01	79-05-09 79-09-19	39.51 39.07	3.23 3.67
285329082293701	85322901 18S18E28 HORACE ALLEN NR LECANTO	28 53 29	082 29 37	01	79-05-16 79-09-10 79-09-19	-0.79 -0.26 -0.21	-- -- --
285441082165201	85421601 18S20E23 W G HULL	28 54 41	082 16 52	01	79-05-09 79-05-16 79-09-19 79-09-19	39.27 39.43 38.39 38.39	8.04 -- -- 8.92
285514082275402	85522704 18S18E14 BEVERLY HILLS WELL 6-T	28 55 14	082 27 54	02	78-11-07 79-01-03 79-05-09 79-07-02 79-09-18	5.40 4.88 4.32 4.31 5.29	-- -- 83.66 -- 82.69
285548082313801	85523101 18S18E07 PINE RIDGE NO 2	28 55 48	082 31 38	01	79-05-09	3.84	80.26
285612082294201	85622901 18S18E04 PINE RIDGE NO 3	28 56 12	082 29 42	01	79-05-09 79-09-18	4.50 5.37	73.35 72.48
285622082272301	85622701 18S18E02 DELTONA OLD HOMESTEAD WELL	28 56 22	082 27 23	01	79-03-23 79-05-09 79-09-18	9.17 6.08 6.96	-- 75.77 74.89
285654082350101	85623501 18S17E03 GERRITS WELL NR CITRONELLE	28 56 54	082 35 01	01	79-05-09 79-09-18	7.45 7.65	2.35 2.15
285714082285601	85722801 17S18E34 DELTONA "99" WELL NR CIT SPGS	28 57 14	082 28 56	01	79-05-09 79-09-18	5.96 6.85	85.97 85.08
285812082360901	85823601 17S17E29 CE 7 U S GEOL SURVEY	28 58 12	082 36 09	01	78-11-07 79-01-03 79-03-15 79-05-09 79-07-02 79-09-18	11.93 10.21 11.49 11.06 11.48 11.95	-- -- -- 10.91 -- 10.02
285833082233301	85822301 17S19E34 CE 16	28 58 33	082 23 33	01	78-11-07 79-01-03 79-05-08	15.12 13.99 12.80	-- -- 10.20
285930082283702	85922803 17S18E22 CITRUS SPRINGS RECORDER	28 59 30	082 28 37	02	79-05-09 79-09-18	7.04 7.88	71.70 70.86
285935082324501	85923201 17S17E24 MELODY JOHNSON	28 59 35	082 32 45	01	79-05-09	6.51	79.76

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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)
CITRUS							
285935082324501	85923201 17S17E24 MELODY JOHNSON	28 59 35	082 32 45	01	79-09-18	7.50	78.77
285951082350901	85923501 17S17E15 CE 6 U S GEOL SURVEY	28 59 51	082 35 09	01	78-11-07 79-01-03 79-03-15 79-05-09 79-07-02 79-09-18	21.94 19.92 20.49 19.44 19.98 19.87	-- -- -- 8.48 -- 8.05
290010082321601	90023201 17S17E13 G P DOLAN	29 00 10	082 32 16	01	79-05-09	6.55	79.09
290023082393601	90023901 17S16E11 CE 89 U S GEOL SURVEY	29 00 23	082 39 36	01	78-11-07 79-01-03 79-03-15 79-05-09 79-07-02 79-09-18	6.27 6.06 8.90 8.94 8.60 10.32	-- -- -- 8.93 -- 7.55
290041082265101	90022601 17S18E12 SECTION 12 MINE WELL	29 00 41	082 26 51	01	79-05-08 79-09-18	9.25 9.63	97.94 97.46
290107082400501	90124001 17S16E11 CE 88 U S GEOL SURVEY	29 01 07	082 40 05	01	79-05-09 79-09-18	3.41 4.62	12.44 11.23
290114082420901	90124201 17S16E08 CE 85	29 01 14	082 42 09	01	79-05-09 79-09-18	6.00 3.82	2.80 4.98
290132082324201	90123202 17S17E01 EMORY COWART HOUSE WELL	29 01 32	082 32 42	01	79-05-09 79-09-18	13.77 13.26	20.25 20.76
290213082284101	90222801 17S18E03 CITRUS 15 CHARLES RUSH	29 02 13	082 28 41	01	78-10-12 78-11-22 79-01-23 79-03-14 79-05-09 79-07-12 79-09-10 79-09-18	31.33 30.21 29.77 29.75 28.92 30.08 30.88 30.82	12.95 14.07 14.49 14.53 15.36 14.20 13.40 13.46
290216082292001	90222901 16S18E33 CE 77 U S GEOL SURVEY	29 02 16	082 29 20	01	79-05-03	13.39	42.84
DE SOTO							
270325081484701	NAT WOLF CORP IRR WELL NR ARCADIA+FL	27 03 25	081 48 47	01	79-05-15 79-09-18	48.10 49.50	-- --
270333081473101	J R ABORGIA WELL NR ARCADIA	27 03 33	081 47 31	01	79-05-15 79-09-18	48.70 51.20	-- --
270433081432301	HALL PINE IS WELL NR ARCADIA	27 04 33	081 43 23	01	79-05-15 79-08-18 79-09-18	47.59 49.42 49.42	-- -- --
270438081464301	NICHOLS RANCH D. WELL NR ARCADIA	27 04 38	081 46 43	01	79-05-15 79-09-18	50.07 52.08	-- --
270555082003901	GEN DEV CORP OWNER #TW-1 NR ARCADIA+FL	27 05 55	082 00 39	01	79-05-14 79-09-17	45.60 47.20	-- --
270637081545501	WELLS FRUIT CO D. WELL NR FT. ODGEN	27 06 37	081 54 55	01	79-05-15 79-09-18	47.00 48.90	-- --
270854081454001	PARKER FARMS D. WELL NR ARCADIA	27 08 54	081 45 40	01	79-05-15	48.98	--
270958081554101	WELLES FRUIT CO. D. WELL NR ARCADIA	27 09 58	081 55 41	01	79-05-14 79-09-17	45.90 41.25	-- --
271135081372501	BRIGHT HOUR RANCH IRR WELL NR ARCADIA	27 11 35	081 37 25	01	79-05-15 79-09-18	47.80 49.65	-- --
271202081540501	NAT WOLFE IRR WELL NR ARCADIA	27 12 02	081 54 05	01	79-05-14 79-09-17	45.33 48.11	-- --
271405081453201	BEVIS D. IRR WELL NR ARCADIA	27 14 05	081 45 32	01	79-05-15 79-09-18	47.14 49.70	-- --
271415081413901	DR.CARLTON DP WELL NR ARCADIA+FLA.	27 14 15	081 41 39	01	79-05-15 79-09-18	48.65 53.07	-- --
271459082032201	MURDOCK NE QUAD	27 14 59	082 03 22	01	79-05-15	39.63	--
271503081483101	JOHN TURNER IRR WELL NR ARCADIA	27 15 03	081 48 31	01	79-05-14 79-09-17	46.81 49.82	-- --
271538081593601	CLYDE HOLLINSWORTH D. WELL NR ARCADIA+FL	27 15 38	081 59 36	01	79-05-14 79-09-17	37.55 42.84	-- --
271559081420801	ALBRITTON BROS IRR WELL NR ARCADIA	27 15 59	081 42 08	01	79-05-15 79-09-18	47.87 50.28	-- --
271621081545801	J.K. BERTSCHER IRR WELL NR ARCADIA	27 16 21	081 54 58	01	79-09-17	48.85	--
271653081464701	J.W. CONGER IRR WELL NR ARCADIA	27 16 53	081 46 47	01	79-05-14	45.62	--

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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)
DE SOTO							
271653081464701	J.W. CONGER IRR WELL NR ARCADIA	27 16 53	081 46 47	01	79-09-17	48.91	--
271704082031401	SR 70 AT MANATEE CO. LINE IRR WELL	27 17 04	082 03 14	01	79-05-14 79-09-17	22.95 29.94	-- --
271713081515501	GARDNER QUAD (SORRELLS BROTHERS GROVE)	27 17 13	081 51 55	01	79-05-14 79-09-17	42.65 48.02	-- --
271720081521501	GARDNER QUAD (SORRELLS BROTHERS GROVE)	27 17 20	081 52 15	01	79-05-14	29.28	--
271825081585701	DUPREE BROS IRR WELL NR PINE LEVEL	27 18 25	081 58 57	01	79-05-14 79-09-17	30.98 41.54	-- --
271854082012001	BETHEL D. IRR WELL NR PINE LEVEL	27 18 54	082 01 20	01	79-05-14 79-09-17	28.78 39.51	-- --
271915082002201	BETHEL D. IRR WELL NR PINE LEVEL	27 19 15	082 00 22	01	79-05-14 79-09-17	29.90 37.45	-- --
272013081575901	DOYLE CARLTON JR IRR WELL NR LIMESTONE	27 20 13	081 57 59	01	79-05-14 79-09-17	28.12 43.49	-- --
HARDEE							
272041081562301	CARLTON JR WELL NR LIMESTONE,FL	27 20 41	081 56 23	01	79-09-19	44.98	--
272129081391001	FLINT D. WELL NR CREWSVILLE,FL	27 21 29	081 39 10	01	79-09-20	58.95	--
272243081374701	VAN ADAMS D. WELL NR CREWSVILLE,FL	27 22 43	081 37 47	01	79-09-20	63.88	--
272312081580701	WHITEHURST D. WELL NR LIMESTONE,FL	27 23 12	081 58 07	01	79-09-19	46.13	--
272317081425301	SAPP D. WELL NR SWEETWATER	27 23 17	081 42 53	01	79-05-14 79-09-20	45.79 59.46	-- --
272351081474301	GRIFFIN-ZOLFO SPRINGS WELL	27 23 51	081 47 43	01	79-05-14 79-09-20	38.01 52.63	-- --
272404081553401	NORRIS D. WELL NR ONA,FL	27 24 04	081 55 34	01	79-09-19	49.54	--
272438081365701	LANIER D. WELL NR CREWSVILLE,FL	27 24 38	081 36 57	01	79-05-14 79-09-20	57.11 68.24	-- --
272442082015201	STEPHENS D. WELL NR ONA,FL	27 24 42	082 01 52	01	79-05-15 79-09-19	27.42 43.78	-- --
272509081410401	MARRLS D. WELL NR SWEETWATER	27 25 09	081 41 04	01	79-05-14 79-09-20	53.79 66.66	-- --
272510081572501	ROTAN INC. D. WELL NR ONA,FL	27 25 10	081 57 25	01	79-05-15 79-09-19	29.20 45.70	-- --
272700081480601	ALBRITTON D. WELL NR ZOLFO SPGS.,FL	27 27 00	081 48 06	01	79-05-14 79-09-20	38.90 54.33	-- --
272732081411301	ROBERTSON D. WELL NR ZOLFO SPGS., FL	27 27 32	081 41 13	01	79-05-14 79-09-20	57.75 70.14	-- --
272807081585901	IMC CORP D. WELL NR ONA,FL	27 28 07	081 58 59	01	79-05-15 79-09-19	31.69 46.62	-- --
272939081512401	DEAN D. WELL NR ZOLFO SPRINGS	27 29 39	081 51 24	01	79-05-15 79-09-20	43.78 59.13	-- --
272944081474001	CITY OF ZOLFP SPGS D. WELL AT ZOLFO SPGS.	27 29 44	081 47 40	01	79-05-15 79-09-20	48.36 62.28	-- --
273023081490401	HART D. WELL NR ZOLFO SPRINGS	27 30 23	081 49 04	01	79-05-15 79-09-20	42.69 58.47	-- --
273108081521901	CARLTON D. WELL 12 NR WAUCHULA	27 31 08	081 52 19	01	79-05-15	46.68	--
273232081405601	H. SMITH GROVES D. WELL NR GRIFFINS CORNER	27 32 32	081 40 56	01	79-05-14	61.70	--
273458081342601	SHEARER D. WELL NR LEMON GROVE	27 34 58	081 34 26	01	79-05-14 79-09-20	77.24 84.58	-- --
273603081522901	EARNEST D. WELL NR WAUCHULA	27 36 03	081 52 29	01	79-05-15 79-09-21	48.08 59.85	-- --
273621081583601	COLLIER D. WELL NR FORT GREEN SPRINGS	27 36 21	081 58 36	01	79-09-19	65.68	--
273735081543401	MANN D. WELL NR BOWLING GREEN	27 37 35	081 54 34	01	79-05-15 79-09-21	50.10 61.81	-- --
273834081464701	WHITEHURST D. WELL NR BOWLING GREEN	27 38 34	081 46 47	01	79-05-14 79-09-21	54.28 65.97	-- --
HERNANDO							
282620082193801	82621901 23520E32 LAKEWOOD RETREAT	28 26 20	082 19 38	01	79-03-30	75.69	--



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STATION	NUMBR	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
HERNANDO								
282620082193801	82621901	23520E32 LAKEWOOD RETREAT	28 26 20	082 19 38	01	79-05-10	71.58	65.69
282839082190801	82821901	23520E21 RUSSELL BLACKETT	28 28 39	082 19 08	01	78-11-08 79-01-04 79-03-16 79-05-10 79-05-10 79-07-03 79-09-20	65.86 64.23 64.71 64.07 64.07 64.73 68.11	-- -- -- 55.87 -- -- 51.83
282851082035301	82820301	23522E13 E H BOYETTE	28 28 51	082 03 53	01	78-10-05 79-05-11 79-09-21	82.95 84.54 85.12	3.33 1.78 1.16
282911082101001	82921001	23521E13 FT DADE MH PARK	28 29 11	082 10 10	01	79-05-11 79-09-21	58.70 62.32	18.12 14.50
283001082064702	83020602	23522E09 WSF-RICHLOAM FIRE TOWER	28 30 01	082 06 47	02	78-10-05 78-11-08 79-01-04 79-03-16 79-05-11 79-07-03 79-09-21	72.83 72.35 72.37 74.45 74.95 72.10 74.78	3.67 -- -- -- 1.55 -- 1.72
283033082154101	83021501	23520E01 SAMUEL OGNIRENE	28 30 33	082 15 41	01	78-11-08 79-01-04 79-03-16 79-05-10 79-07-03 79-09-20	49.38 48.46 47.47 47.23 47.67 48.38	-- -- -- 91.39 -- 90.24
283036082105502	83021002	23521E02 RIDGE MANOR NO 2	28 30 36	082 10 55	02	78-10-05 79-05-11	53.36 49.63	34.79 30.52
283125082100501	83121001	22521E36 CARL G ASBEL	28 31 25	082 10 05	01	78-10-05 79-05-11 79-09-21	64.92 67.04 67.04	10.33 8.21 8.21
283231082115101	83221101	22521E27 H E WATSON	28 32 31	082 11 51	01	78-10-05 79-05-11 79-09-21	47.74 49.17 53.58	9.20 7.77 3.36
283237082181901	83221801	22520E28 WAYNE THOMAS MUNDEN HIL	28 32 37	082 18 19	01	78-11-08 79-01-04 79-03-16 79-05-10 79-05-10 79-07-03 79-09-20	40.44 38.95 38.82 39.12 39.12 39.83 40.86	-- -- -- -- 214.09 -- 212.35
283408082123801	83421201	22521E16 WSF-CYPRESS GLEN CAMP	28 34 08	082 12 38	01	79-05-10	42.57	23.28
283454082131301	83421301	22521E08 WSF-BOAT RAMP	28 34 54	082 13 13	01	79-03-30 79-05-10 79-09-20	43.11 42.41 46.50	-- 13.76 9.67
283508082215101	83522101	22519E12 CLARENCE SMITH	28 35 08	082 21 51	01	79-05-10 79-09-20	35.04 37.27	34.68 53.73
283527082365701	WEEK1 WELL 2 NR WEEKIWACHEE, FLA		28 35 27	082 36 57	01	79-05-17 79-09-21	6.88 6.99	-- --
283529082355801	WEEK1 WELL 3 NR WEEKIWACHEE, FLA		28 35 29	082 35 58	01	79-05-17 79-09-21	7.85 7.91	-- --
283613082184301	83621801	22520E04 DELMAS C NIX	28 36 13	082 18 43	01	79-05-10 79-09-20	35.17 37.16	25.75 23.76
283806082214801	83822101	21519E25 EDEN CHRISTIAN SCHOOL	28 38 06	082 21 48	01	79-05-10	33.32	58.48
283819082170801	83821701	21520E22 838217423 USDA FARM	28 38 19	082 17 08	01	79-05-10 79-09-20	37.64 39.45	68.08 66.27
283850082265501	S OF US 98& S491 D NR BROOKSVILLE		28 38 50	082 26 55	01	79-09-19	20.66	--
283908082201301	83922001	21520E18 WSF ENVIROMENTAL CENTER	28 39 08	082 20 13	01	78-11-07 79-01-03 79-03-16 79-05-10 79-07-03 79-09-20	32.98 31.73 31.34 31.27 32.06 32.50	-- -- -- 66.44 -- 65.21
283957082181001	83921801	21520E16 W A BLIZZARD	28 39 57	082 18 10	01	79-05-10 79-09-20	33.06 34.04	85.58 84.60
HIGHLANDS								
272326081240201	72312401	35S29E35	27 23 26	081 24 02	01	79-05-10 79-09-17	76.16 69.64	35.84 42.36
HILLSBOROUGH								
274001082295401	SW HILLS CO 13 NR RUSKIN		27 40 01	082 29 54	01	79-05-14	11.26	--

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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)
HILLSBOROUGH							
274001082295401	SW HILLS CO 13 NR RUSKIN	27 40 01	082 29 54	01	79-09-17	25.51	--
274021082272401	SW HILLS CO WELL 17 NR RUSKIN	27 40 21	082 27 24	01	79-05-14 79-09-17	11.02 18.82	-- --
274027082205601	SO HILLS SH WELL 915	27 40 27	082 20 56	01	79-05-16	29.60	--
274042082144401	FT LONESOME # 924	27 40 42	082 14 44	01	79-05-15 79-09-18	14.18 35.71	-- --
274103082053801	SPIVEY GROVE	27 41 03	082 05 38	01	79-05-15	29.94	--
274118082235101	SW HILLS CO WELL 30 NR RUSKIN	27 41 18	082 23 51	01	79-05-14 79-09-17	6.14 19.09	-- --
274135082274801	SO HILLS SH WELL 913	27 41 35	082 27 48	01	79-05-14 79-09-17	16.75 17.95	-- --
274145082114901	STANALAND	27 41 45	082 11 49	01	79-05-15 79-09-18	20.72 40.42	-- --
274201082212501	SW HILLS CO 44A(MYSTERY WELL 2) NR WIMAUMA	27 42 01	082 21 25	01	79-05-15 79-09-20	8.62 14.50	-- --
274244082200801	SO HILLS SH WELL 907	27 42 44	082 20 08	01	79-05-16 79-09-17	67.50 67.90	-- --
274245082231001	SW HILLS CO WELL 63 NR RUSKIN	27 42 45	082 23 10	01	79-05-14 79-09-17	9.25 20.10	-- --
274256082201601	SW HILLS CO 68(SUN CITY CENTER W. 7) NR WIMAU	27 42 56	082 20 16	01	79-05-16 79-09-18	-0.83 20.67	-- --
274303082280901	SW HILLS CO WELL 71 NR RUSKIN	27 43 03	082 28 09	01	79-05-14 79-09-17	10.90 17.24	-- --
274312082144201	LANE(SW HILLS CO WELL 72A) NR WIMAUMA	27 43 12	082 14 42	01	79-05-15 79-09-18	8.78 28.44	-- --
274315082201701	SUN CITY #6(SW HILLS CO WELL 72C NR WIMAUMA	27 43 15	082 20 17	01	79-05-16 79-09-18	0.97 20.07	-- --
274321082230801	SW HILLS CO 78 NR RUSKIN	27 43 21	082 23 08	01	79-05-14	9.20	--
274322082202601	SUN CITY #5(SW HILLS CO 79) NR WIMAUMA	27 43 22	082 20 26	01	79-05-11	11.59	--
274352082061001	BREWSTER WELL M6 NR FT LONESOME+FLA	27 43 52	082 06 10	01	79-05-15 79-09-18	30.65 47.14	-- --
274408082222301	SW HILLS CO WELL 95 NR RUSKIN	27 44 08	082 22 23	01	79-09-17	18.50	--
274410082230701	SW HILLS CO WELL 96 NR RUSKIN	27 44 10	082 23 07	01	79-05-14 79-09-17	6.25 17.40	-- --
274419082135801	GRADY SWEAT D. WELL NR FT. LONESOME	27 44 19	082 13 58	01	79-05-15 79-09-18	13.37 33.21	-- --
274454082165201	SW HILLS CO WELL 102A NR BALM	27 44 54	082 16 52	01	79-05-17 79-09-18	9.20 25.65	-- --
274508082243401	SO HILLS SH WELL 912	27 45 08	082 24 34	01	79-05-14 79-09-17	6.70 8.00	-- --
274524082095401	WELL 745 209 2454	27 45 24	082 09 54	01	79-05-15 79-09-18	22.22 42.04	-- --
274543082234001	SW HILLS CO WELL 118 NR RUSKIN	27 45 43	082 23 40	01	79-05-14 79-09-18	7.00 13.50	-- --
274605082170701	SW HILLS CO WELL 27A NR BALM	27 46 05	082 17 07	01	79-05-15 79-09-18	9.90 27.20	-- --
274619082085801	WELL 746 208 1958	27 46 19	082 08 58	01	79-05-15	25.96	--
274745082041601	WELL 747 204 4516	27 47 45	082 04 16	01	79-05-15	103.38	--
274748082130201	SIMMONS FISH FARM	27 47 48	082 13 02	01	79-05-15 79-09-18	13.00 32.15	-- --
274813082223601	SW HILLS CO 182 NR ADAMSVILLE	27 48 13	082 22 36	01	79-05-15 79-09-20	6.70 9.00	-- --
274857082194702	SO HILLS SH WELL 963	27 48 57	082 19 47	02	79-05-15 79-09-18	59.25 61.10	-- --
274857082195302	SO HILLS SH WELL 962	27 48 57	082 19 53	02	79-05-15 79-09-18	57.95 58.55	-- --
274903082195302	SO HILLS SH WELL 961	27 49 03	082 19 53	02	79-05-15 79-09-18	55.50 57.05	-- --
274907082195302	SO HILLS SH WELL 960	27 49 07	082 19 53	02	79-05-15 79-09-18	55.30 56.80	-- --

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)
HILLSBOROUGH							
274909082194702	SO HILLS SH WELL 965	27 49 09	082 19 47	02	79-05-15 79-09-18	55.95 58.10	-- --
274911082163501	SO HILLS SH WELL 904	27 49 11	082 16 35	01	79-05-15 79-09-18	80.50 80.60	-- --
274919082225401	SO HILLS SH WELL 911	27 49 19	082 22 54	01	79-05-15 79-09-18	4.10 4.93	-- --
274928082225501	SW HILLS CO 220 AT ADAMSVILLE	27 49 28	082 22 55	01	79-05-15 79-09-18	0.02 1.90	-- --
274948082144901	SW HILLS CO 227 NR BOYETTE	27 49 48	082 14 49	01	79-05-17 79-09-19	21.00 24.20	-- --
274955082103801	MAIDEN HEAD DAIRY D. WELL NR LITHIA	27 49 55	082 10 38	01	79-05-15 79-09-17	25.76 41.80	-- --
275017082054501	WELL 750 205 1745	27 50 17	082 05 45	01	79-05-15 79-09-17	41.03 54.44	-- --
275035082165201	SW HILLS CO 244 NR RIVERVIEW	27 50 35	082 16 52	01	79-05-17 79-09-19	9.50 21.70	-- --
275045082223301	SW HILLS CO 248 NR GIBSONTON	27 50 45	082 22 33	01	79-05-15 79-09-20	-6.50 -4.40	-- --
275103082050901	-COPPER GAS	27 51 03	082 05 09	01	79-05-15 79-09-17	48.11 60.58	-- --
275112082185401	SW HILLS CO 252 NR RIVERVIEW	27 51 12	082 18 54	01	79-05-17	7.50	--
275117082090001	-BLACK & TURNER	27 51 17	082 09 00	01	79-05-15 79-09-17	30.02 44.65	-- --
275316082232101	CHANCEY NR GIBSONTON	27 53 16	082 23 21	01	79-05-17 79-09-18	-4.65 -3.70	-- --
275322082034101	WELL 753 203 2241	27 53 22	082 03 41	01	79-05-16 79-09-20	37.63 49.56	-- --
275411082213201	PROGRESS VILLAGE 6 WELL NR RIVERVIEW	27 54 11	082 21 32	01	79-05-17 79-09-20	12.45 13.89	-- --
275413082114301	LEWIS IRR WELL DURANT RD NR BRANDON	27 54 13	082 11 43	01	79-05-16 79-09-20	20.96 26.12	-- --
275603082175001	OAKFIELD DR DP NR BRNDN	27 56 03	082 17 50	01	79-05-15 79-09-17	17.10 18.13	-- --
275608082074201	WELL 756 207 0842	27 56 08	082 07 42	01	79-05-14 79-09-17	51.89 65.88	-- --
275626082210701	NICK RUSSO D. WELL SR 60 NR TAMPA	27 56 26	082 21 07	01	79-05-17 79-09-19	14.60 16.20	-- --
275647082292101	WEST TAMPA EJECTOR WELL AT TAMPA	27 56 47	082 29 21	01	79-05-14 79-09-19	17.36 18.33	-- --
275654082322501	TAMPA SEWERS S. WELL 645 AT TAMPA,FL	27 56 54	082 32 25	01	79-05-14 79-09-19	3.88 4.16	-- --
275727082293901	TAMPA SEWERS S. WELL 652 AT TAMPA,FL	27 57 27	082 29 39	01	79-05-14 79-09-19	31.44 31.37	-- --
275733082304301	TAMPA SEWERS S. WELL 651 AT TAMPA,FL	27 57 33	082 30 43	01	79-05-17 79-09-19	18.57 19.33	-- --
275808082073001	COONE D. WELL SR 39 NR PLANT CITY	27 58 08	082 07 30	01	79-05-14 79-09-20	65.45 75.34	-- --
275811082161601	OAK FOREST DP AT BRANDON	27 58 11	082 16 16	01	79-05-15 79-09-17	18.48 22.82	-- --
275825082271501	ROBLES PARK WELL AT TAMPA,FLA	27 58 25	082 27 15	01	79-05-14 79-09-19	28.28 26.83	-- --
275834082312401	DAZZO PUMP STATION WELL AT TAMPA,FLA	27 58 34	082 31 24	01	79-05-14 79-09-19	17.32 17.91	-- --
275835082085001	NATIONWIDE D. WELL NR PLANT CITY	27 58 35	082 08 50	01	79-05-14 79-09-20	64.33 73.58	-- --
275853082181801	HOLT DP NR MANGO	27 58 53	082 18 18	01	79-05-16 79-09-17	17.22 22.20	-- --
275900082034201	CROCKER D. WELL NR PLANT CITY	27 59 00	082 03 42	01	79-05-14 79-09-20	64.90 74.99	-- --
275958082280101	HENRY AND OLA PLAYGROUND WELL AT TAMPA	27 59 58	082 28 01	01	79-05-14 79-09-19	14.17 14.87	-- --
280004082394201	HIGGINS NORTH DEEP NR OLDSMAR,FL	28 00 04	082 39 42	01	79-05-14	0.41	--

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)
HILLSBOROUGH							
280004082394201	HIGGINS NORTH DEEP NR OLDSMAR, FL	28 00 04	082 39 42	01	79-09-18	-0.22	--
280029082355801	CHANNEL A D. WELL 22 NR TAMPA, FL	28 00 29	082 35 58	01	79-05-18 79-09-17	9.29 11.00	-- --
280029082355802	CHANNEL A S. WELL 23 NR TAMPA, FL	28 00 29	082 35 58	02	79-05-17 79-09-17	9.53 10.86	-- --
280034082362401	CHANNEL A D. WELL 38 NR TAMPA, FL	28 00 34	082 36 24	01	79-05-17 79-09-17	4.05 5.19	-- --
280038082362801	CHANNEL A D. WELL 24 NR TAMPA, FL	28 00 38	082 36 28	01	79-05-18 79-09-17	3.35 4.82	-- --
280038082362802	CHANNEL A S. WELL 25 NR TAMPA, FL	28 00 38	082 36 28	02	79-05-18 79-09-17	1.66 2.15	-- --
280042082142301	GRIFFIN 2 D. WELL NR DOVER	28 00 42	082 14 23	01	79-05-14	48.99	--
280047082362601	CHANNEL A D. WELL 26 NR TAMPA, FL	28 00 47	082 36 26	01	79-05-18 79-09-17	5.68 7.12	-- --
280058082362303	CHANNEL A D. WELL 02 NR TAMPA, FL	28 00 58	082 36 23	03	79-05-18 79-09-17	3.17 4.84	-- --
280058082362401	CHANNEL A D. WELL 36 NR TAMPA, FL	28 00 58	082 36 24	01	79-05-18 79-09-17	6.33 7.73	-- --
280058082362402	CHANNEL A S. WELL 37 NR TAMPA, FL	28 00 58	082 36 24	02	79-05-18 79-09-17	2.48 4.25	-- --
280117082322701	CITY OF TAMPA D. WELL AT TAMPA, FL	28 01 17	082 32 27	01	79-05-14 79-09-17	18.80 19.84	-- --
280118082103001	DUYCK D. WELL US 92 NR PLANT CITY	28 01 18	082 10 30	01	79-05-14 79-09-20	71.60 77.88	-- --
280128082352801	CHANNEL A D. WELL 07 NR TAMPA, FL	28 01 28	082 35 28	01	79-05-18 79-09-17	6.13 7.83	-- --
280129082314701	CITY OF TAMPA D. WELL AT TAMPA, FL	28 01 29	082 31 47	01	79-05-14 79-09-17	18.08 19.13	-- --
280233082041301	FUTCH D. WELL NR PLANT CITY	28 02 33	082 04 13	01	79-05-14	87.10	--
280253082164001	WELL 802216534001	28 02 53	082 16 40	01	79-05-16 79-09-19	25.77 32.57	-- --
280253082164002	WELL 802216534002	28 02 53	082 16 40	02	79-05-16 79-09-19	36.84 41.63	-- --
280305082185101	J. W. MORRIS WELL NR TEMPLE TERRACE, FLA	28 03 05	082 18 51	01	79-05-16 79-09-19	26.21 31.28	-- --
280314082345902	ST PETE S. WELL E-104 NR CITRUS PK	28 03 14	082 34 59	02	79-05-15 79-09-18	23.20 23.75	-- --
280316082345801	ST PETERSBURG E-104 D. WELL NR CITRUS PK, FL	28 03 16	082 34 58	01	79-05-15 79-09-18	22.51 23.77	-- --
280350082104401	FISHER D. WELL NR PLANT CITY	28 03 50	082 10 44	01	79-05-14 79-09-20	82.06 86.28	-- --
280354082304701	WELL 803 230 5447	28 03 54	082 30 47	01	79-05-14 79-09-17	33.34 36.36	-- --
280358082325701	JACKSON D. WELL NR CITRUS PK, FL	28 03 58	082 32 57	01	79-05-14 79-09-17	33.43 33.82	-- --
280408082214001	USGS S. WELL 521 FLETCHER AVE NR TAMPA	28 04 08	082 21 35	01	79-05-16 79-09-18	23.69 26.71	-- --
280408082223701	WELL 804 222 0837	28 04 08	082 22 37	01	79-05-16 79-09-18	26.04 28.69	-- --
280409082160401	KELSO RD S. WELL 519 NR THONOTOSASSA, FL	28 04 09	082 16 04	01	79-05-16 79-09-19	36.88 37.23	-- --
280413082061401	QUAGLIANI D. WELL NR PLANT CITY	28 04 13	082 06 14	01	79-05-14 79-09-21	90.15 94.48	-- --
280420082285501	USGS D. WELL 402 NR LUTZ	28 04 20	082 28 55	01	79-05-14 79-09-17	38.22 42.22	-- --
280428082373401	SWFWMD S. WELL 115 NR CITRUS PK	28 04 28	082 37 34	01	79-05-17	16.97	--
280429082243801	WELL 804 224 2938	28 04 29	082 24 38	01	79-05-16 79-09-18	26.35 28.93	-- --
280432082170901	THONOTOSASSA 2 D. WELL 518 AT THONOTOSASSA, FL	28 04 32	082 17 09	01	79-05-16 79-09-19	26.76 32.61	-- --
280438082075301	MARTIN M GRIFFIN RD	28 04 38	082 07 53	01	79-05-14	94.29	--

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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)
HILLSBOROUGH							
280438082075301	MARTIN M GRIFFIN RD	28 04 38	082 07 53	01	79-09-20	98.78	--
280445082291301	USGS D. WELL 404 NR LUTZ	28 04 45	082 29 13	01	79-05-14 79-09-17	39.85 42.97	-- --
280445082291302	USGS S. WELL 404 NR LUTZ	28 04 45	082 29 13	02	79-05-14	52.36	--
280502082322301	USGS S. WELL NR CITRUS PK, FL	28 05 02	082 32 23	01	79-05-14 79-09-17	48.56 48.35	-- --
280504082292301	USGS D. WELL 408 NR LUTZ	28 05 04	082 29 23	01	79-05-14 79-09-17	42.53 45.08	-- --
280508082195701	NATURES CLASSROOM DP WELL 514 NR TEMPLE TERRACE	28 05 08	082 19 57	01	79-05-16 79-09-18	26.30 30.45	-- --
280509082275401	PAUL BEARSS WELL NR TAMPA, FL	28 05 09	082 27 54	01	79-05-14	42.71	--
280550082202902	MORRIS BRIDGE SH WELL 10 NR BRANCHTON	28 05 50	082 20 29	02	79-05-15 79-09-18	30.07 30.95	-- --
280559082353601	E. LAKE WF D. WELL 9 NR OLDSMAR, FL	28 05 59	082 35 36	01	79-05-15 79-09-18	38.55 39.21	-- --
280610082210701	MORRIS BRIDGE DP WELL 161 NR BRANCHTON	28 06 10	082 21 07	01	79-05-15 79-09-18	26.65 29.98	-- --
280612082200801	MORRIS BRIDGE DP WELL 8 NR BRANCHTON	28 06 12	082 20 08	01	79-05-15 79-09-18	27.54 30.89	-- --
280617082232701	USGS S. WELL 511 NR TEMPLE TERRACE	28 06 17	082 23 27	01	79-05-16 79-09-18	34.49 34.24	-- --
280618082351302	COSME WF S. WELL 5 NR CITRUS PARK	28 06 18	082 35 13	02	79-05-15 79-09-18	37.51 38.25	-- --
280621082254801	USGS S. WELL 510 NR TEMPLE TERRACE	28 06 21	082 25 48	01	79-05-16 79-09-18	43.81 46.42	-- --
280624082330502	USGS S. WELL 417 NR CITRUS PARK	28 06 24	082 33 05	02	79-05-14 79-09-17	47.84 48.79	-- --
280626082200801	MORRIS BRIDGE DP WELL 162 NR BRANCHTON	28 06 26	082 20 08	01	79-05-15 79-09-18	27.55 30.83	-- --
280626082200802	MORRIS BRIDGE S. WELL 162 NR BRANCHTON, FLA	28 06 26	082 20 08	02	79-05-15 79-09-18	32.72 35.34	-- --
280628082205901	MORRIS BRIDGE DP WELL 160 NR BRANCHTON	28 06 28	082 20 59	01	79-05-15 79-09-18	20.19 24.76	-- --
280628082205902	MORRIS BRIDGE S. WELL 160 NR BRANCHTON, FLA	28 06 28	082 20 59	02	79-05-15 79-09-18	32.05 33.74	-- --
280628082350402	COSME WF S. WELL 6 NR CITRUS PK	28 06 28	082 35 04	02	78-11-14 79-02-21 79-05-15 79-05-16 79-09-18	35.36 36.07 36.82 36.69 37.67	-- -- -- -- --
280629082193101	MORRIS BRIDGE DP WELL 164 NR BRANCHTON	28 06 29	082 19 31	01	79-05-15 79-09-18	27.12 30.11	-- --
280629082193102	MORRIS BRIDGE S. WELL 164 NR BRANCHTON, FLA	28 06 29	082 19 31	02	79-05-15 79-09-18	29.69 31.12	-- --
280631082203301	MORRIS BRIDGE DP WELL 5 NR BRANCHTON	28 06 31	082 20 33	01	79-05-15 79-09-18	27.05 30.42	-- --
280632082301001	USGS S. WELL 422 NR LUTZ	28 06 32	082 30 10	01	79-05-15 79-09-18	55.49 55.41	-- --
280634082303401	WELL 806 230 3434	28 06 34	082 30 34	01	79-05-15	51.50	--
280635082301001	USGS S. WELL 423 NR LUTZ	28 06 35	082 30 10	01	79-05-15 79-09-18	54.28 54.20	-- --
280643082192401	MORRIS BRIDGE DP WELL 165 NR BRANCHTON	28 06 43	082 19 24	01	79-05-15 79-09-18	28.20 31.16	-- --
280643082192402	MORRIS BRIDGE S. WELL 165 NR BRANCHTON, FLA	28 06 43	082 19 24	02	79-05-15 79-09-18	30.85 31.62	-- --
280643082301001	USGS S. WELL 425 NR LUTZ	28 06 43	082 30 10	01	79-05-15 79-09-18	53.62 53.81	-- --
280643082353101	CRAWLEY S. WELL 321 NR CITRUS PK	28 06 43	082 35 31	01	79-05-15 79-09-18	40.71 41.97	-- --
280646082285901	USGS D. WELL 429 NR LUTZ	28 06 46	082 28 59	01	79-05-15 79-09-17	51.47 53.94	-- --
280646082285902	USGS S. WELL 429 NR LUTZ	28 06 46	082 28 59	02	79-05-15	51.70	--



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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)
HILLSBOROUGH							
280646082285902	USGS S. WELL 429 NR LUTZ	28 06 46	082 28 59	02	79-09-17	53.95	--
280646082320201	USGS D. WELL 430 NR CITRUS PK	28 06 46	082 32 02	01	79-09-17	48.47	--
280647082181702	MORRIS BRIDGE S.WELL 167 NR BRANGHTON,FLA	28 06 47	082 18 17	02	79-05-15 79-09-18	31.52 29.63	-- --
280647082354301	CRAWLEY RD S. WELL 317 NR CITRUS PK	28 06 47	082 35 43	01	79-05-15 79-09-18	40.24 41.63	-- --
280648082300901	USGS D. WELL 467 NR LUTZ	28 06 48	082 30 09	01	79-05-15 79-09-18	43.62 45.83	-- --
280648082301602	USGS S. WELL 433 NR LUTZ	28 06 48	082 30 16	02	79-05-15 79-09-18	51.88 55.71	-- --
280648082302601	USGS D. WELL 433 NR LUTZ	28 06 48	082 30 26	01	79-05-15 79-09-18	42.82 42.97	-- --
280649082191401	MORRIS BRIDGE DP WELL 4 NR BRANCHTON	28 06 57	082 19 26	01	79-05-15 79-09-18	29.17 31.65	-- --
280650082301401	USGS D. WELL 466 NR LUTZ	28 06 50	082 30 14	01	79-05-15 79-09-18	44.39 47.02	-- --
280650082301402	USGS S. WELL 466 NR LUTZ	28 06 50	082 30 14	02	79-05-15 79-09-18	52.06 55.15	-- --
280651082202501	MORRIS BRIDGE DP WELL 2A NR BRANCHTON	28 06 51	082 20 25	01	79-05-15 79-09-18	29.92 33.93	-- --
280651082204301	MORRIS BR WF D. WELL 1 NR BRANCHTON,FL	28 06 51	082 20 43	01	79-05-15 79-09-18	26.66 30.79	-- --
280651082351101	MOBLEY RD S. WELL 319 NR CITRUS PK	28 06 51	082 35 11	01	79-05-15 79-09-18	43.69 45.65	-- --
280651082352001	MOBLEY RD D. WELL 318 NR CITRUS PK	28 06 51	082 35 20	01	79-05-15 79-09-18	39.41 41.28	-- --
280651082352002	MOBLEY RD S. WELL 318 NR CITRUS PK	28 06 51	082 35 20	02	79-05-15 79-09-18	40.30 42.01	-- --
280651082382201	USGS S. WELL 117 NR CITRUS PK	28 06 51	082 38 22	01	79-05-17 79-09-19	25.57 26.35	-- --
280652082185902	MORRIS BRIDGE S.WELL 166 NR BRANGHTON,FLA	28 06 52	082 18 59	02	79-05-15 79-09-18	30.55 32.05	-- --
280655082183502	MORRIS BRIDGE S.WELL 168 NR BRANGHTON,FLA	28 06 55	082 18 35	02	79-05-15 79-09-18	34.11 35.20	-- --
280657082305801	SEC 21 D WELL 3 NR LUTZ	28 06 57	082 30 58	01	78-11-14 79-02-21 79-05-15 79-05-16 79-09-18	34.53 37.96 40.63 42.66 40.64	-- -- -- -- --
280659082205102	MORRIS BRIDGE S.WELL 159 NR BRANGHTON,FLA	28 06 59	082 20 51	02	79-05-15 79-09-18	36.22 37.67	-- --
280659082280201	USGS S. WELL 437 NR LUTZ	28 06 59	082 28 02	01	79-05-14 79-09-17	57.49 58.40	-- --
280659082294301	BERGER RD D. WELL 438 NR LUTZ	28 06 59	082 29 43	01	79-05-15 79-09-18	47.26 47.49	-- --
280700082313001	SECTION 21 WF D. WELL 439 NR LUTZ	28 07 00	082 31 30	01	79-05-15 79-09-17	43.18 52.16	-- --
280700082313003	SECTION 21 WF S. WELL 439 NR LUTZ	28 07 00	082 31 30	03	79-05-15 79-09-17	53.73 54.33	-- --
280705082202301	MORRIS BRIDGE DP WELL 153 NR BRANCHTON	28 07 05	082 20 23	01	79-05-15 79-09-18	27.70 33.12	-- --
280708082191101	TAMPA WF S. WELL 507 NR BRANCHTON,FL	28 07 08	082 19 11	01	79-05-15 79-09-18	27.09 28.82	-- --
280708082310001	SECTION 21 WF D. WELL 442 NR LUTZ	28 07 08	082 31 00	01	79-05-15 79-09-18	32.64 33.27	-- --
280710082290802	CRENSHAW LK RD S. WELL 444 NR LUTZ	28 07 10	082 29 08	02	79-05-15 79-09-17	54.77 57.29	-- --
280710082325601	TOBACCO RD D. WELL 445 NR CITRUS PK	28 07 10	082 32 56	01	79-05-14 79-09-17	51.10 51.42	-- --
280710082325602	TOBACCO RD S. WELL 445 NR CITRUS PK	28 07 10	082 32 56	02	79-05-14 79-09-17	50.45 51.20	-- --
280711082181901	MORRIS BRIDGE DP WELL 169 NR BRANCHTON	28 07 11	082 18 19	01	79-05-15 79-09-18	31.60 19.83	-- --



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HILLSBOROUGH							
280711082181902	MORRIS BRIDGE S.WELL 169 NR BRANGHTON+FLA	28 07 11	082 18 19	02	79-05-15 79-09-18	35.10 36.46	-- --
280717082200402	MORRIS BRIDGE S.WELL 154 NR BRANGHTON+FLA	28 07 17	082 20 04	02	79-05-15 79-09-18	29.04 35.96	-- --
280717082342102	COSME WF S. WELL 23 NR CUTRUS PK	28 07 17	082 34 21	02	79-05-15 79-09-18	45.74 46.46	-- --
280718082210701	MORRIS BRIDGE DP WELL 150 NR BRANCHTON	28 07 18	082 21 07	01	79-05-15	28.43	--
280718082210702	MORRIS BRIDGE S.WELL 150 NR BRANGHTON+FLA	28 07 18	082 21 07	02	79-05-15 79-09-18	39.50 40.94	-- --
280721082192401	MORRIS BRIDGE DP WELL 156 NR BRANCHTON	28 07 21	082 19 24	01	79-05-15	30.08	--
280721082192402	MORRIS BRIDGE WF S. WELL 156 NR BRANCHTON+FL	28 07 21	082 19 24	02	79-05-15 79-09-18	34.16 34.14	-- --
280727082184601	MORRIS BRIDGE DP WELL 158 NR BRANCHTON	28 07 27	082 18 46	01	79-09-18	15.97	--
280727082184602	MORRIS BRIDGE WF S. WELL 158 NR BRANCHTON+FL	28 07 27	082 18 46	02	79-05-15 79-09-18	38.73 39.22	-- --
280728082202802	MORRIS BRIDGE WF S. WELL 152 NR BRANCHTON+FL	28 07 28	082 20 28	02	79-05-15 79-09-18	40.14 41.02	-- --
280728082301103	ST PETE 21-7 S. WELL NR LUTZ	28 07 28	082 30 11	03	79-05-15 79-09-18	55.32 55.33	-- --
280732082194402	MORRIS BRIDGE WF S. WELL 155 NR BRANCHTON+FL	28 07 32	082 19 44	02	79-05-15 79-09-18	32.75 37.80	-- --
280732082342802	COSME WF S. WELL 25 NR CITRUS PARK	28 07 32	082 34 28	02	79-05-15 79-09-18	49.15 51.02	-- --
280733082193602	MORRIS BRIDGE WF S. WELL 533 NR BRANCHTON	28 07 33	082 19 36	02	79-05-15 79-09-18	43.10 43.63	-- --
280733082210301	MORRIS BRIDGE DP WELL 151 NR BRANCHTON	28 07 33	082 21 03	01	79-05-15 79-09-18	32.71 38.77	-- --
280733082210302	MORRIS BRIDGE S.WELL 151 NR BRANCHTON+FLA	28 07 33	082 21 03	02	79-05-15 79-09-18	33.42 39.36	-- --
280734082313301	SEC 21 GOODWIN WELL NR LUTZ	28 07 34	082 31 33	01	79-09-17	43.21	--
280736082190902	MORRIS BRIDGE S.WELL 157 NR BRANGHTON+FLA	28 07 36	082 19 09	02	79-05-15 79-09-18	32.93 35.92	-- --
280737082184101	MORRIS BRIDGE WF D. WELL 9 NR BRANCHTON	28 07 37	082 18 15	01	79-05-15 79-09-18	35.57 37.06	-- --
280738082282701	BRANT LAKE D. WELL 472 NR LUTZ	28 07 38	082 28 27	01	79-05-14 79-09-17	55.08 56.57	-- --
280738082290701	USGS D. WELL 458 NR LUTZ	28 07 38	082 29 07	01	79-05-15 79-09-17	56.98 58.07	-- --
280738082290702	USGS S. WELL 458 NR LUTZ	28 07 38	082 29 07	02	79-05-15 79-09-17	60.84 61.01	-- --
280738082302001	SEC 21 D WELL 6 NR LUTZ	28 07 38	082 30 20	01	78-11-14 79-02-21 79-05-15 79-05-16 79-09-18	38.42 42.36 44.44 48.17 45.75	-- -- -- -- --
280738082302701	SECTION 21 WF S. WELL 21-5A NR LUTZ	28 07 38	082 30 27	01	78-11-14 79-02-21 79-05-15 79-05-16 79-09-18	51.45 52.58 55.43 55.42 55.28	-- -- -- -- --
280738082303401	SECTION 21 WF D. WELL 459 NR LUTZ	28 07 38	082 30 34	01	79-05-15 79-09-18	43.43 43.79	-- --
280740082301201	SECTION 21 WF D. WELL 468 NR LUTZ	28 07 40	082 30 12	01	79-05-15 79-09-18	44.48 46.70	-- --
280740082301202	SECTION 21 WF S. WELL 468 NR LUTZ	28 07 40	082 30 12	02	79-05-15 79-09-18	57.73 58.06	-- --
280740082310201	SECTION 21 WF D. WELL 462 NR LUTZ	28 07 40	082 31 02	01	79-05-15 79-09-18	42.11 42.47	-- --
280744082342702	COSME WF S. WELL 313 NR CITRUS PARK	28 07 44	082 34 27	02	79-05-15 79-09-18	53.27 55.20	-- --
280804082171201	USGS S.WELL 506 AT BRANCHTON	28 08 04	082 17 12	01	79-05-15 79-09-18	38.81 40.54	-- --
280813082300601	USGS D. WELL 217 NR LUTZ	28 08 13	082 30 06	01	79-05-15	50.50	--

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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)
HILLSBOROUGH							
280813082300601	USGS D. WELL 217 NR LUTZ	28 08 13	082 30 06	01	79-09-18	51.76	--
280813082300602	USGS S. WELL 217 NR LUTZ	28 08 13	082 30 06	02	79-05-15 79-09-18	60.90 60.96	-- --
280821082375701	ELDR WILDE WF S. WELL 019 NR T. SPGS.	28 08 21	082 37 57	01	79-05-17	32.58	--
280831082365101	TARPON RD D. WELL 340 NR CITRUS PK	28 08 31	082 36 51	01	79-05-15 79-09-18	29.20 31.31	-- --
280831082365801	TARPON RD S. WELL 336 NR CITRUS PK	28 08 31	082 36 58	01	79-05-15 79-09-18	38.78 39.27	-- --
2809170822210801	USGS S. WELL 504 AT PEBBLE CREEK	28 09 17	082 21 08	01	79-05-17 79-09-18	50.23 50.91	-- --
280925082324601	LUTZ LK FERN S. WELL 216 NR CITRUS PK	28 09 25	082 32 46	01	79-09-18	56.45	--
280926082162101	MORRIS BRIDGE DP WELL 532 NR BRANCHTON	28 09 26	082 16 21	01	79-05-15 79-09-18	47.04 48.60	-- --
280926082162102	MORRIS BRIDGE SH WELL 532 NR BRANCHTON	28 09 26	082 16 21	02	79-05-15 79-09-18	47.12 48.85	-- --
281002082254101	USGS S.WELL 503 NR ZEPHYRHILLS,FLA	28 10 02	082 25 41	01	79-05-15 79-09-18	70.01 71.87	-- --
LAKE							
282318081544003	82315403 24S24E21 LK751W AQUIFER TEST	28 23 18	081 54 40	03	79-05-08	103.15	2.27
282318081544006	82315406 24S24E21 LK 753W AQUIFER TEST	28 23 18	081 54 40	06	79-05-08	102.05	2.78
282443081425201	82414201 24S26E09 LYKES GROVE	28 24 43	081 42 52	01	79-05-09 79-09-19	114.41 115.05	28.50 27.86
282712081552101	82715501 23S24E29	28 27 12	081 55 21	01	79-05-02 79-09-19	97.27 99.44	4.73 2.56
282834081544401	82815401 23S24E21	28 28 34	081 54 44	01	79-05-02	97.39	11.52
LEVY							
290118082364101	90123601 17S17E05 CE 70 USGS AT INGLIS LOCK	29 01 18	082 36 41	01	79-05-03	19.56	9.70
290301082335601	90323301 16S17E35 DEL WRIGHT CORRAL	29 03 01	082 33 56	01	79-03-23 79-03-26 79-05-07 79-05-17 79-09-17	51.72 51.72 50.98 52.02 53.10	-- -- 9.62 -- 7.50
290344082405601	90324001 16S16E27 HUNT CAMP	29 03 44	082 40 56	01	79-05-07 79-09-17	9.02 8.62	3.98 4.38
290503082323101	90523201 16S17E13 SCE 108 T & J RANCH	29 05 03	082 32 31	01	78-11-07 79-01-03 79-03-15 79-05-07 79-05-07 79-07-02 79-09-17	70.99 70.64 71.88 72.09 72.09 71.10 72.90	-- -- -- 9.24 -- -- 8.43
290605082372601	90623701 16S17E07 GEOTHE ROAD	29 06 05	082 37 26	01	79-05-07 79-09-17	28.12 28.79	14.78 1.42
290621082332901	90623301 16S17E11 SCE 112 J T GEOTHE CO	29 06 21	082 33 29	01	78-11-07 79-01-03 79-03-15 79-05-07 79-07-02 79-09-17 79-09-17	68.75 68.74 69.63 69.29 69.48 71.08 71.08	-- -- -- 2.11 -- -- 0.32
291004082382901	91023801 15S16E24 910238433 DIXIE LIME PR	29 10 04	082 38 29	01	78-10-31 79-02-12 79-05-07 79-05-14 79-09-17	23.66 25.54 24.81 25.65 26.23	5.51 3.63 4.36 3.52 2.94
291250082341901	91223401 15S17E03 NORMA CARVER	29 12 50	082 34 19	01	79-05-07 79-09-17	43.62 45.31	39.56 37.86
291654082263101	91622602 14S19E07 MORRISTON MASONIC TEMPLE	29 16 54	082 26 31	01	79-05-08 79-09-17	45.83 46.61	17.64 16.86
291712082351801	SOUTH OF BONSON-RO	29 17 12	082 35 18	01	78-10-31 79-02-12 79-05-07 79-05-14 79-09-05 79-09-17	55.28 48.64 47.58 47.49 47.35 47.49	47.23 53.87 54.93 55.02 55.16 54.02

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LEVY							
291910082341101	91923401 13S17E36 BULLOCK AND HUBER	29 19 10	082 34 11	01	79-05-07	46.71	45.29
291959082353201	91923501 13S17E27 222 SAGE POND SR 316	29 19 59	082 35 32	01	79-05-07 79-09-18	47.14 48.40	58.00 50.32
292009082305901	92023001 13S18E21 ORAWITZ	29 20 09	082 30 59	01	79-05-07	46.95	23.99
292143082282201	92122801 13S18E11 WILLISTON AIRPORT	29 21 43	082 28 22	01	79-05-07 79-09-18	48.10 48.61	23.20 22.69
292307082313901	92323101 13S18E05 BULLOCK & HUBER	29 23 07	082 31 39	01	79-05-07 79-09-18	48.33 49.29	24.08 23.12
292310082373701	ERCELL SMITH	29 23 10	082 37 37	01	78-11-01 79-02-13 79-05-07 79-05-15 79-09-10 79-09-18	55.92 56.63 56.79 56.82 57.29 56.96	5.37 4.74 4.58 4.55 4.08 4.41
292315082261601	92322601 13S19E05 SCL RR WILLISTON	29 23 15	082 26 16	01	79-05-07	48.25	18.30
292640082381201	92623801 12S17E17 926238241 HARDEE HOTEL	29 26 40	082 38 12	01	78-11-08 79-02-06 79-05-07 79-05-16 79-09-04 79-09-18	53.48 53.39 53.45 53.54 53.37 53.20	15.50 15.59 15.53 15.44 15.61 15.78
292711082312301	92723101 12S18E09 MATHEWS WELL EAST OF BRONSON	29 27 11	082 31 23	01	78-12-08 79-05-07 79-09-18	49.84 48.16 49.01	-- 12.45 11.61
MANATEE							
271812082111201	M.J. RANCH WELL NR MYAKKA CITY,FL	27 18 12	082 11 12	01	79-05-16 79-09-19	23.02 32.75	-- --
271827082044901	CURTIS ROAD D. WELL NR EDGEVILLE,FL	27 18 27	082 04 49	01	79-05-16 79-09-19	33.08 41.70	-- --
271944082075701	ANSON WELL 70 NR MYAKKA CITY,FL	27 19 44	082 07 57	01	79-05-16 79-09-19	28.79 39.67	-- --
272301082145901	CLOVERDALE FARM D. WELL NR VERNA,FL	27 23 01	082 14 59	01	79-05-16 79-09-19	15.38 27.40	-- --
272324082383101	SEA CLUB BEACH RESORT WELL AT LONGBOAT KEY	27 23 24	082 38 31	01	79-05-18 79-09-19	13.18 15.28	-- --
272412082303601	LOCKWOOD RD (BARTH) D. WELL NR BRADENTON	27 24 12	082 30 36	01	79-05-16 79-09-19	15.41 21.00	-- --
272423082051901	PARKS D. WELL NR MYAKKA HEAD,FL	27 24 23	082 05 19	01	79-05-16 79-09-19	22.59 38.24	-- --
272445082214101		27 24 45	082 21 41	01	79-05-17 79-09-19	8.95 20.29	-- --
272623082293501	WARD LAKE D. WELL NR LORRAINE	27 26 23	082 29 35	01	79-05-17	14.70	--
272647082181401	RAY ANDERSON WELL AT WATERBURY	27 26 47	082 18 14	01	79-05-17 79-09-18	12.61 25.09	-- --
272731082365201	CORTEZ RD D. WELL AT BRADENTON,FL	27 27 31	082 36 52	01	79-05-17 79-09-19	17.44 20.01	-- --
272731082414601	ANNA MARIA I D. WELL AT BRADENTON BEACH,FL	27 27 31	082 41 46	01	79-05-18 79-09-19	15.88 17.58	-- --
272735082083401	USGS D. WELL NR MYAKKA HEAD,FL	27 27 35	082 08 34	01	79-05-14 79-09-17	20.41 37.71	-- --
272824082372901	59TH. ST D. WELL AT BRADENTON	27 28 24	082 37 29	01	79-05-17 79-09-19	17.20 19.99	-- --
272905082264301	SR 64 D. WELL NR BRADENTON	27 29 05	082 26 43	01	79-05-14 79-09-17	10.18 20.44	-- --
272949082404001	PERICO ISLAND WELL NR ANNA MARIA ISLAND	27 29 49	082 40 40	01	79-05-18 79-09-19	14.83 15.83	-- --
273000082082901	BEKER W-2 NR MYAKKA HEAD	27 30 00	082 08 29	01	79-05-15 79-09-18	21.40 39.58	-- --
273110082194901	RUTLAND RANCH ON SR 675 NR PARRISH	27 31 10	082 19 49	01	79-05-14 79-09-17	7.41 21.61	-- --
273134082344601	MANATEE FAIRGROUNDS AT PALMETTO	27 31 34	082 34 46	01	79-05-18 79-09-19	16.63 18.53	-- --
273159082373101	SNEADS ISLAND D. WELL AT PALMETTO	27 31 57	082 37 31	01	79-05-18	16.45	--

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MANATEE							
273159082373101	SNEADS ISLAND D. WELL AT PALMETTO	27 31 59	082 37 31	01	79-09-19	18.55	--
273255082072601	SWIFT-AVON PARK ON DUETTE RD NR DUETTE	27 32 55	082 07 26	01	79-09-14	44.49	--
273259082221401	KOEHLER WELL ON RYR RD NR PARRISH	27 32 59	082 22 14	01	79-05-14 79-09-17	9.54 21.51	-- --
273321082314001	SR 683 D. WELL NR PALMETTO	27 33 21	082 31 40	01	79-05-18 79-09-19	14.10 10.92	-- --
273347082354101	TERRIA CEIA WELL NR SUNSHINE SKYWAY BR	27 33 47	082 35 41	01	79-05-18 79-09-19	16.50 19.70	-- --
273459082253201	PARRISH D. WELL AT PARRISH	27 34 59	082 25 32	01	79-05-14 79-09-17	9.28 20.06	-- --
273517082215201	IRR WELL ON SR 62 NR PARRISH	27 35 17	082 21 52	01	79-05-14 79-09-17	5.01 17.40	-- --
273605082071101	HUSBY D. WELL ON DUETTE RD AT DUETTE	27 36 05	082 07 11	01	79-05-14 79-09-14	27.30 45.92	-- --
273637082092001	CARLTON D. WELL SR 39 NR DUETTE	27 36 37	082 09 20	01	79-05-14 79-09-17	26.00 45.50	-- --
273718082315401	WILLIS WELL AT PINEY POINT, FL.	27 37 18	082 31 54	01	79-05-16 79-09-19	13.23 18.65	-- --
273731082270301	BUCKEYE RD BEND WELL NR PARRISH	27 37 31	082 27 03	01	79-05-14 79-09-17	9.94 19.72	-- --
273733082295201	PARSLEY WELL ON BUCKEYE RD NR PARRISH	27 37 33	082 29 52	01	79-05-14 79-09-17	11.03 18.77	-- --
273750082250501	BUCKEYE RD IRR WELL NR PARRISH	27 37 50	082 25 05	01	79-05-14 79-09-17	8.70 19.58	-- --
MARION							
285933082192501	85921901 17S20E20 CE 24 U S GEOL SURVEY	28 59 33	082 19 25	01	79-05-08 79-09-19	37.37 37.79	14.06 13.64
285958082103901	85921002 17S21E23 MARION OAKS NO 3	28 59 58	082 10 39	01	79-05-08	44.64	44.05
290103082104501	90121001 17S21E14 MARION OAKS NO 2	29 01 03	082 10 45	01	79-05-08	44.17	38.50
290103082104501	90121001 17S21E14 MARION OAKS NO 2	29 01 03	082 10 45	01	79-09-19	44.27	38.40
					79-04-30	44.14	45.00
290227082250801	90222501 16S19E31 CE 75 U S GEOL SURVEY	29 02 27	082 25 08	01	79-05-08 79-09-17	54.34 53.34	9.60 10.60
290238082120901	90221201 17S21E03 SCE 168 CORPS OF ENGINEERS	29 02 38	082 12 09	01	79-05-08 79-09-19	43.94 44.21	22.76 20.49
290312082190601	90321901 16S20E33 CE 22 U S GEOL SURVEY	29 03 12	082 19 06	01	79-04-30	47.49	15.96
290421082190801	90421901 16S20E28 CE 21 U S GEOL SURVEY	29 04 21	082 19 08	01	79-05-08 79-09-17	43.08 42.89	56.78 56.97
290447082250901	90422501 16S19E20 CE 13 U S GEOL SURVEY	29 04 47	082 25 09	01	79-05-03	32.38	24.48
290614082274801	90622701 16S18E11 SCE 170 RAINBOWS END GOLF CRS	29 06 14	082 27 48	01	79-05-07	33.01	77.61
290739082245701	90722401 15S19E32 CE 12 U S GEOL SURVEY	29 07 39	082 24 57	01	79-05-08 79-09-17	34.62 32.87	7.29 9.04
290752082271101	90722701 15S18E35 SCE 116 RAINBOW ACRES	29 07 52	082 27 11	01	79-05-07 79-09-17	34.62 34.97	31.80 31.45
290800082115001	90821101 16S21E03 SCE 117 BONNIE HEATH	29 08 00	082 11 50	01	79-05-08 79-09-19	44.73 44.93	34.77 44.03
290822082310101	90823101 15S18E32 LAKE BONABLE	29 08 22	082 31 01	01	79-05-07	44.15	40.02
290850082180501	90821801 15S20E34	29 08 50	082 18 05	01	79-05-08 79-09-17	43.39 42.71	39.17 39.85
290910082315001	90923101 15S18E30 SCE 138 LITTLE LAKE BONABLE	29 09 10	082 31 50	01	79-05-07 79-09-17	44.32 45.47	16.86 15.71
290913082245601	90922401 15S19E29 SCE 118 LAKE TROPICANA	29 09 13	082 24 56	01	79-05-08	37.02	9.37
290951082211201	90922101 15S19E25 SCE 173 RAINBOW PARK ESTATES	29 09 51	082 21 12	01	79-05-08 79-09-17	42.88 42.95	58.09 58.02
291050082142301	91021401 15S21E18 MARION COUNTY	29 10 50	082 14 23	01	79-05-08	39.27	48.73
291056082263201	91022601 15S18E13 HERSHEL KYPER ROMEO	29 10 56	082 26 32	01	79-05-08 79-09-17	38.81 39.23	18.15 17.73
291241082300101	91223001 15S18E04 PETTYJOHN-BOOM IRR.	29 12 41	082 30 01	01	79-05-08	41.83	39.73

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MARION							
291241082300101	91223001 15S19E04 PETTYJOHN-BOOM IRR.	29 12 41	082 30 01	01	79-09-17	42.63	38.93
291303082220401	91322201 14S19E36 IMA WORM WELL AT EARLY BIRD	29 13 03	082 22 04	01	78-12-08 79-05-08 79-09-17	43.05 42.99 42.19	-- 34.77 35.57
291650082223001	91622201 14S19E11 SCE 158 A G WILCOX	29 16 50	082 22 30	01	79-05-08 79-09-17	44.00 52.03	65.13 57.10
291738082115301	91721102 14S21E10 CE 30A	29 17 38	082 11 53	01	78-11-07 79-01-03 79-03-15 79-05-07 79-07-02	45.03 43.91 43.37 43.74 44.03	-- -- -- 45.96 --
292101082233601	92122301 13S19E15 HOMESTEADER NURSERY	29 21 01	082 23 36	01	79-05-07	47.58	45.03
292146082182501	92121801 13S20E09 SR 316 WELL SRWMD	29 21 46	082 18 25	01	79-05-07 79-09-18	48.97 49.49	70.77 70.88
292253082240101	92222401 13S19E03 ALTON STOKES	29 22 53	082 24 01	01	79-05-07 79-09-18	48.84 48.22	50.52 51.14
292256082164001	92221601 13S20E12 922216121 L K EDWARDS	29 22 56	082 16 40	01	79-05-07 79-09-18	51.27 50.94	57.22 57.55
292349082191501	92321901 12S20E33 E H UPDIKE	29 23 49	082 19 15	01	79-05-07 79-09-18	48.83 48.90	65.84 65.66
292718082202601	92722001 12S20E18 MAHAFFEY WELL	28 27 18	082 20 26	01	79-05-07 79-09-18	54.04 52.90	32.91 34.05
292816082234501	92822301 12S19E03 SMITH BROTHERS WACAHOOTA	29 28 16	082 23 45	01	78-11-07 79-01-03 79-03-15 79-05-07 79-07-02 79-09-18	55.88 54.64 55.62 55.80 55.38 54.74	-- -- -- 37.36 -- 38.42
PASCO							
281017082234701	S. WELL 862 ON I-75 AT COUNTY LINE NR LUTZ	28 10 17	082 23 47	01	79-05-14 79-09-17	47.93 49.56	-- --
281023082450701	COASTAL PASCO D. WELL 13 NR NEW PORT RICHEY,FL	28 10 23	082 45 07	01	79-05-16 79-09-19	2.74 2.68	-- --
281025082312401	SIERRA PINES D. WELL 218 NR LUTZ	28 10 25	082 31 24	01	79-05-15 79-09-18	49.73 49.66	-- --
281041082304101	PASCO WF D. WELL E. OF 43 NR LAND O' LAKES	28 10 41	082 30 41	01	79-05-15 79-09-18	48.39 47.99	-- --
281042082304601	PASCO WF PROD WELL 43 NR LAND O' LAKES	28 10 42	082 30 46	01	78-11-21 79-02-20 79-05-15 79-05-16 79-09-18	45.80 48.69 45.54 50.28 45.77	-- -- -- -- --
281046082470801	FPC WELL NO 1 NR TARPON SGS, FLA	28 10 46	082 47 08	01	79-05-16 79-09-19	0.76 1.36	-- --
281046082470802	FPC WELL NO 2 NR TARPON SGS, FLA	28 10 46	082 47 08	02	79-05-16 79-09-19	2.44 2.54	-- --
281047082154401	BLANZ DP NR BRANCHTN	28 10 47	082 15 44	01	79-05-16	67.39	--
281056082303302	PASCO WF S. WELL 233 NR LAND O' LAKES	28 10 56	082 30 33	02	79-05-15 79-09-18	60.15 60.20	-- --
281057082301301	PASCO WELLFIELD ODESSA # 232 DEEP	28 10 57	082 30 13	01	79-05-15 79-09-18	54.08 53.68	-- --
281057082301302	PASCO WELLFIELD ODESSA # 232 SHALLOW	28 10 57	082 30 13	02	79-05-15 79-09-18	60.73 60.62	-- --
281103082322602	DOYLES RANH SHALLO NR ODESSA, FLA	28 11 03	082 32 26	02	79-05-15	53.79	--
281104082310401	PASCO WF D. WELL P-4 NR LAND O'LAKES	28 11 04	082 31 04	01	79-05-15 79-09-18	48.92 48.71	-- --
281106082312201	PASCO WF S. WELL 230 NR LAND O'LAKES	28 11 06	082 31 22	01	79-05-15 79-09-18	59.87 59.90	-- --
281109082314401	BOONE D. WELL 221 NR LUTZ	28 11 09	082 31 44	01	79-09-19	50.22	--
281112082211301	IMMER DP NR PEBLE CR	28 11 12	082 21 13	01	79-05-16 79-09-17	56.78 56.78	-- --
281118082305901	PASCO WF PROD WELL 49 NR LAND O' LAKES	28 11 18	082 30 59	01	78-11-21 79-02-20	37.88 47.39	-- --



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)
PASCO							
281118082305901	PASCO WF PROD WELL 49 NR LAND 0' LAKES	28 11 18	082 30 59	01	79-05-15 79-05-16 79-09-18	49.07 49.67 47.81	-- -- --
281120082302701	PASCO WF D. WELL 220 NR LUTZ	28 11 20	082 30 27	01	79-05-15 79-09-18	55.45 55.25	-- --
281126082305701	PASCO WF S. WELL 231 NR LUTZ	28 11 26	082 30 57	01	79-05-15 79-09-18	60.89 60.93	-- --
281129082273601	WOODWARD D. WELL 214 NR LUTZ	28 11 29	082 27 36	01	79-05-15 79-09-19	65.02 65.14	-- --
281137082352801	USGS S. WELL 302 AT ODESSA	28 11 37	082 35 28	01	79-05-15 79-09-18	50.48 52.24	-- --
281139082315301	SR 54 S. WELL 215 NR LUTZ	28 11 39	082 31 53	01	79-05-15 79-09-19	56.65 56.21	-- --
281151082210901	SR 581 S. WELL 801 NR BRANCHTON	28 11 51	082 21 09	01	79-05-14 79-09-17	55.90 56.87	-- --
281155082235401	KING DP NR LUTZ	28 11 55	082 23 54	01	79-05-16 79-09-18	57.42 57.05	-- --
281157082304101	PASCO WF S. WELL 227 NR LAND 0' LAKES	28 11 57	082 30 41	01	79-05-15 79-09-19	59.50 59.55	-- --
281222082384301	STARKEY STOCK D. WELL 700 NR ODESSA	28 12 22	082 38 43	01	79-05-15 79-09-18	27.59 28.13	-- --
281222082384302	STARKEY S. WELL 700 NR ODESSA	28 12 22	082 38 43	02	79-05-15 79-09-18	31.20 31.94	-- --
281244082320301	USGS D. WELL 744 NR ODESSA	28 12 44	082 32 03	01	79-05-17 79-09-20	50.23 50.20	-- --
281244082320302	USGS S. WELL 744 NR ODESSA	28 12 44	082 33 03	02	79-05-17 79-09-20	50.32 49.90	-- --
281250082433201	ELFERS GROVE D. WELL 701 NR ELFERS	28 12 50	082 43 32	01	79-05-17 79-09-20	7.32 7.89	-- --
281254082291201	BEXLEY S. WELL 224 NR LAND 0' LAKES	28 12 54	082 29 12	01	79-05-15 79-09-19	66.51 66.14	-- --
281258082161301	WILLIAMS DP NR W CHP	28 12 58	082 16 13	01	79-05-16 79-09-17	81.04 83.84	-- --
281309082311301	BEXLEY D. WELL 743 NR LAND 0' LAKES	28 13 09	082 31 13	01	79-05-17 79-09-20	54.45 54.37	-- --
281309082311302	BEXLEY S. WELL 743 NR LAND 0' LAKES	28 13 09	082 31 13	02	79-05-17 79-09-20	56.86 57.55	-- --
281314082380601	STARKEY PICNIC AREA D. WELL 745 NR ODESSA	28 13 14	082 38 06	01	79-05-15 79-09-18	27.48 28.09	-- --
281318082303901	BEXLEY D. WELL 742 NR LAND 0' LAKES	28 13 18	082 30 39	01	79-05-17 79-09-20	58.46 58.75	-- --
281318082303902	BEXLEY S. WELL 742 NR LAND 0' LAKES	28 13 18	082 30 39	02	79-05-17 79-09-20	59.72 59.77	-- --
281321082294201	BEXLEY D. WELL 225 NR LAND 0' LAKES	28 13 21	082 29 42	01	79-09-19	63.17	--
281322082311301	BEXLEY S. WELL 741 NR LAND 0' LAKES	28 13 22	082 31 13	01	79-05-17 79-09-20	55.83 55.89	-- --
281328082425501	COASTAL PASCO D. WELL 09 NR NEW PORT RICHEY, FL	28 13 28	082 42 55	01	79-09-19	6.59	--
281332082303801	BEXLEY D. WELL 740 NR LAND 0' LAKES	28 13 32	082 30 38	01	79-05-17 79-09-20	58.46 58.58	-- --
281342082175801	BROWN DP NR WS CHAPL	28 13 42	082 17 58	01	79-05-16 79-09-17	86.75 88.22	-- --
281342082300601	BEXLEY S. WELL 738 NR LAND 0' LAKES	28 13 42	082 30 06	01	79-05-17 79-09-20	65.63 65.68	-- --
281342082302301	BEXLEY S. WELL 739 NR LAND 0' LAKES	28 13 42	082 30 23	01	79-05-17 79-09-20	62.08 62.08	-- --
281348082294302	BEXLEY 1 S. WELL 703 NR LAND 0' LAKES	28 13 48	082 29 43	02	79-05-17 79-09-20	66.31 66.47	-- --
281414082310001	BEXLEY 3 D. WELL 704 NR DREXEL	28 14 14	082 31 00	01	79-05-17 79-09-20	59.44 59.56	-- --
281414082310002	BEXLEY 3 S. WELL 704 NR DREXEL	28 14 14	082 31 00	02	79-05-17 79-09-20	60.95 61.58	-- --
281432082211401	USGS S. WELL 853 ON I-75 NR DREXEL	28 14 32	082 21 14	01	79-05-14	78.70	--



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PASCO							
281432082211401	USGS S. WELL 853 ON I-75 NR DREXEL	28 14 32	082 21 14	01	79-09-17	79.66	--
281434082260801	COVINGTON 2 D. WELL 858 NR DREXEL	28 14 34	082 26 08	01	79-05-14 79-09-18	67.63 66.57	-- --
281435082221301	ANGUS VALLEY 3 D. WELL 860 NR DREXEL	28 14 35	082 22 13	01	79-05-14 79-09-18	67.23 67.45	-- --
281437082271401	NININGER D. WELL 857 AT DREXEL	28 14 37	082 27 14	01	79-05-14 79-09-18	74.07 73.93	-- --
281445082414501	COASTAL PASCO D. WELL 11 NR NEW PORT RICHEY, FL	28 14 45	082 41 45	01	79-05-16 79-09-19	12.51 12.69	-- --
281448082301802	BEXLEY 2 S. WELL 708 NR DREXEL	28 14 48	082 30 18	02	79-05-17 79-09-20	66.16 67.00	-- --
281513082222201	ANGUS VALLEY 2 D. WELL 854 NR DREXEL	28 15 13	082 22 22	01	79-05-14 79-09-18	66.70 67.39	-- --
281520082314502	BEXLEY S. WELL 734 NR DREXEL	28 15 20	082 31 45	02	79-05-17 79-09-20	58.91 59.02	-- --
281526082255701	COVINGTON 4 D. WELL 856 NR DREXEL	28 15 26	082 25 57	01	79-05-14 79-09-18	69.21 69.07	-- --
281549082204001	MURPHY D. WELL 852 NR SAN ANTONIO	28 15 49	082 20 40	01	79-05-14 79-09-18	72.43 73.22	-- --
281558082264602	PASCO 13 S. WELL 804 NR DREXEL	28 15 58	082 26 46	02	79-05-15 79-09-18	76.59 76.18	-- --
281609082242901	CYPRESS CR 1 D. WELL 805 NR DREXEL	28 16 09	082 24 29	01	79-09-18	58.94	--
281612082285201	EHREN # 720 SHALLOW	28 16 12	082 28 52	01	79-05-17	74.73	--
281615082242501	CYPRESS CR2 S. WEL NR DREXEL	28 16 15	082 24 25	01	79-05-15 79-09-18	67.16 68.09	-- --
281631082261601	CATCHING'S D. WELL 849 NR DREXEL	28 16 31	082 26 16	01	79-05-15 79-09-18	70.70 70.57	-- --
281637082233501	CYPRESS CR WF D. WELL 829 NR DREXEL	28 16 37	082 23 35	01	79-05-14 79-09-18	53.98 70.23	-- --
281637082233502	CYPRESS CR WF S. WELL 829 NR DREXEL	28 16 37	082 23 35	02	79-05-14 79-09-18	67.81 52.94	-- --
281641082240201	CYPRESS CREEK WF C-10 DEEP	28 16 41	082 24 02	01	79-05-15	53.30	--
281641082240202	CYPRESS CREEK WF C-10 SUPPLY	28 16 41	082 24 02	02	79-09-18	52.97	--
2816420822440201	COASTAL PASCO D. WELL 04 AT PORT RICHEY, FL	28 16 42	082 44 02	01	79-05-16 79-09-19	0.20 1.74	-- --
281648082430201	COASTAL PASCO D. WELL 05 AT PORT RICHEY, FL	28 16 48	082 43 02	01	79-05-16 79-09-19	6.65 7.02	-- --
281654082201601	CARR D. WELL 846 NR SAN ANTONIO	28 16 54	082 20 16	01	79-05-14 79-09-17	79.76 81.10	-- --
281656082251202	816 225 02	28 16 56	082 25 12	02	79-05-15 79-09-18	62.24 62.39	-- --
281657082303301	BEXLEY D. WELL 733 NR DREXEL	28 16 57	082 30 33	01	79-05-17 79-09-20	66.88 66.82	-- --
281657082303302	BEXLEY S. WELL 733 NR DREXEL	28 16 57	082 30 33	02	79-05-17 79-09-20	66.41 66.27	-- --
281659082282801	CONNER DP NR LN O LK	28 16 59	082 28 28	01	79-05-14	74.67	--
281702082231401	CYPRESS CR WF S. WELL 828 NR DREXEL	28 17 02	082 23 14	01	79-05-14 79-09-18	65.75 65.29	-- --
281715082164402	SR 577 S. WELL NR SAN ANTONIO, FL	28 17 15	082 16 44	02	78-11-08 78-12-27 79-03-09 79-04-23 79-05-14	120.46 119.51 122.46 122.48 124.94	-- -- -- -- --
					79-07-05 79-09-05 79-09-17	123.84 126.39 126.31	-- -- --
281723082231201	CYPRESS CR WF S. WELL 827 NR DREXEL	28 17 23	082 23 12	01	79-05-15 79-09-18	61.54 61.83	-- --
281723082234601	CYPRESS CR WF D. WELL 826 NR DREXEL	28 17 23	082 23 46	01	79-05-15 79-09-18	53.35 54.10	-- --
281723082234602	CYPRESS CR WF S. WELL 826 NR DREXEL	28 17 23	082 23 46	02	79-05-15 79-09-18	63.91 64.33	-- --

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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)
PASCO							
281728082232001	CYPRESS CR WF S. WELL 825 NR DREXEL	28 17 28	082 23 20	01	79-05-15	67.03	--
281745082255001	STARLING D. WELL 809 NR DREXEL	28 17 45	082 25 50	01	79-05-15 79-09-18	70.23 70.03	-- --
281748082225301	CYPRESS CR WF D. WELL E-108 NR DREXEL	28 17 48	082 22 53	01	79-05-15 79-09-18	55.07 56.38	-- --
281748082225302	CYPRESS CR WF S. WELL E-108 NR DREXEL	28 17 48	082 22 53	02	79-05-15 79-09-18	67.29 68.18	-- --
281801082225101	CYPRESS CR WF D. WELL E-107 NR DREXEL	28 18 01	082 22 51	01	79-05-15 79-09-18	55.18 57.81	-- --
281801082225102	CYPRESS CR WF S. WELL E-107 NR DREXEL	28 18 01	082 22 51	02	79-05-15 79-09-18	68.82 69.11	-- --
281807082251601	CYPRESS CR 4 D. WELL 812 NR DREXEL	28 18 07	082 25 16	01	79-09-19	73.14	--
281809082224401	CYPRESS CR WF D. WELL E-106 NR DREXEL	28 18 09	082 22 44	01	79-05-15 79-09-18	60.71 56.51	-- --
281809082224402	CYPRESS CR WF 4" WELL AT E-106 NR DREXEL	28 18 09	082 22 44	02	79-05-15 79-09-18	61.23 60.97	-- --
281809082224403	CYPRESS CR WF S. WELL E-106 NR DREXEL	28 18 09	082 22 44	03	79-05-15 79-09-18	65.62 67.31	-- --
281827082223501	CYPRESS CR WF PROD WELL C1 NR DREXEL	28 18 27	082 22 35	01	79-05-15	66.18	--
281828082223201	CYPRESS CREEK WF S. WELL 824 NR DREXEL	28 18 28	082 22 32	01	79-05-15 79-09-18	69.78 69.93	-- --
281844082224101	CYPRESS CR WF S. WELL 822 NR DREXEL	28 18 44	082 22 41	01	79-05-15 79-09-18	75.17 75.35	-- --
281850082221301	CYPRESS CR WF D. WELL 821 NR DREXEL	28 18 50	082 22 13	01	79-05-15 79-09-18	71.38 72.59	-- --
281850082221302	CYPRESS CR WF S. WELL 821 NR DREXEL	28 18 50	082 22 13	02	79-05-15 79-09-18	74.02 74.68	-- --
281930082093702	81920902 25S21E12 LYKES PASCO FERT 4-INCH	28 19 30	082 09 37	02	78-11-08 79-01-04 79-03-16 79-05-11 79-05-11 79-07-03 79-09-20	65.77 63.32 64.73 65.47 64.17 65.16 72.05	-- -- -- 28.06 -- -- 21.50
281954082413401	PONDEROSA DEV D. WELL AT BAYONET POINT, FL	28 19 54	082 41 34	01	79-05-16 79-09-19	3.30 3.50	-- --
281955082111701	81921104 25S21E03 JOHNSON WELL	28 19 55	082 11 17	01	78-11-08 79-01-04 79-03-16 79-05-11 79-07-03 79-09-20	67.23 64.85 65.97 65.58 66.83 71.87	-- -- -- 28.77 -- 22.48
282005082153501	82021501 25S20E01 GOLF COURSE WELL	28 20 05	082 15 35	01	78-11-08 79-05-11 79-09-20	80.29 82.57 88.42	-- 100.97 95.06
282011082162701	82021601 25S20E02 SAN ANTONIO PROD WELL	28 20 11	082 16 27	01	79-05-14	87.02	--
282108082290501	CROSSBAR WF N4S3 DEEP	28 21 08	082 29 05	01	79-05-18 79-09-18	71.68 73.54	-- --
282115082283701	CROSSBAR WF N-16 DEEP	28 21 15	082 28 37	01	79-05-18	69.70	--
282121082071101	82120702 24S22E32 CUMMER OFFICE WELL	28 21 21	082 07 11	01	78-10-05 78-11-08 79-01-04 79-03-16 79-05-11 79-07-03 79-09-20	74.27 73.10 73.10 74.44 74.04 72.40 75.62	7.93 -- -- -- 8.16 -- 6.58
282141082334901	HAYS RD S. WELL 751 NR GOWERS CORNER	28 21 41	082 33 49	01	79-05-16 79-09-18	35.72 38.38	-- --
282141082335201	HAYS RD S. WELL 750 NR GOWERS CORNER	28 21 41	082 33 52	01	79-05-16 79-09-18	35.15 37.83	-- --
282142082283701	CROSSBAR WF A DEEP	28 21 42	082 28 37	01	79-05-18 79-09-18	68.82 70.55	-- --
282142082283702	CROSSBAR WF A SHALLOW	28 21 42	082 28 37	02	79-05-18 79-09-18	69.77 71.53	-- --
282143082093301	82120903 24S21E25 THOMAS WELL 3-IN	28 21 43	082 09 33	01	78-10-05	69.02	9.11

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PASCO							
282148082281801	CROSSBAR WF A-1 DEEP	28 21 48	082 28 18	01	79-05-18 79-09-18	68.44 70.20	-- --
282148082281802	CROSSBAR WF A-1 SHALLOW	28 21 48	082 28 18	02	79-05-18 79-09-18	69.95 71.64	-- --
282148082300701	FIVAY # 732 SHALLOW	28 21 48	082 30 07	01	79-05-16 79-09-20	67.50 68.53	-- --
282153082085601	82120803 24S22E30 PARKER WELL	28 21 53	082 08 56	01	78-10-05 79-05-11 79-09-20	69.67 67.76 72.30	6.03 7.94 3.40
282154082142401	82121401 24S21E30 HAYCRAFT WELL	28 21 54	082 14 24	01	78-11-08 79-03-16 79-05-11 79-07-03 79-09-20	65.77 64.14 64.55 65.60 70.20	-- -- 33.01 -- 27.36
282154082280401	CROSSBAR WF A-2 DEEP	28 21 54	082 28 04	01	79-05-18 79-09-18	68.35 70.12	-- --
282154082280402	CROSSBAR WF A-2 SHALLOW	28 21 54	082 28 04	02	79-05-18 79-09-18	70.03 71.58	-- --
282207082271101	CROSSBAR WF A-3 DEEP	28 22 07	082 27 11	01	79-05-18 79-09-18	69.91 72.06	-- --
282207082271102	CROSSBAR WF A-3 SHALLOW	28 22 07	082 27 11	02	79-05-18 79-09-18	69.03 70.31	-- --
282221082103001	82221001 24S21E26 COLLURA WELL NO. 1	28 22 21	082 10 30	01	78-10-05 79-05-11 79-09-20	67.86 64.73 70.74	8.02 11.15 5.14
282229082405801	COASTAL PASCO D. WELL 02 AT HUDSON, FL	28 22 29	082 40 58	01	79-05-16 79-09-19	1.03 2.05	-- --
282229082415701	USGS WELL PASCO 1 NR HUDSON	28 22 29	082 41 57	01	79-09-19	2.03	--
282233082112201	82221104 24S21E22 LYKES PASCO NO. 8	28 22 33	082 11 22	01	78-10-05 79-09-20	66.51 69.47	21.86 18.91
282246082281601	CROSSBAR WF B DEEP	28 22 46	082 28 16	01	79-05-18 79-09-18	75.17 68.02	-- --
282246082281602	CROSSBAR WF B SHALLOW	28 22 46	082 28 16	02	79-05-18 79-09-18	67.46 69.29	-- --
282258082113102	82221117 24S21E22 L-P 4-IN FIRE TEST WELL	28 22 58	082 11 31	02	78-10-05 79-05-11 79-09-20	66.14 62.89 69.26	11.29 14.54 8.17
282259082282802	CROSSBAR WF B-1 SHALLOW	28 22 59	082 28 28	02	79-05-18 79-09-18	66.28 67.68	-- --
282302082290301	CROSSBAR WF S-1 SHALLOW	28 23 02	082 29 03	01	79-05-18 79-09-18	65.46 66.51	-- --
282313082284301	CROSSBAR WF B-2 DEEP	28 23 13	082 28 43	01	79-05-18 79-09-18	63.22 63.78	-- --
282313082284302	CROSSBAR WF B-2 SHALLOW	28 23 13	082 28 43	02	79-05-18 79-09-18	63.85 66.28	-- --
282326082280901	CROSSBAR WF N4S2 DEEP	28 23 26	082 28 09	01	79-05-18 79-09-18	59.77 62.77	-- --
282326082285201	CROSSBAR WF B-3 DEEP	28 23 26	082 28 52	01	79-05-18 79-09-18	54.28 57.04	-- --
282326082285202	CROSSBAR WF B-3 SHALLOW	28 23 26	082 28 52	02	79-05-18 79-09-18	55.16 58.31	-- --
282408082274201	CROSSBAR WF C-1 DEEP	28 24 08	082 27 42	01	79-05-18 79-09-18	43.57 46.22	-- --
282410082271301	CROSSBAR WF C DEEP	28 24 10	082 27 13	01	79-05-18 79-09-18	49.82 51.28	-- --
282410082271302	CROSSBAR WF C SHALLOW	28 24 10	082 27 13	02	79-05-18 79-09-18	50.77 52.37	-- --
282411082261401	CROSSBAR WF C-3 DEEP	28 24 11	082 26 14	01	79-05-18 79-09-18	51.53 52.93	-- --
282413082263801	CROSSBAR WF C-2 DEEP	28 24 13	082 26 38	01	79-05-18 79-09-18	49.96 51.22	-- --
282413082263802	CROSSBAR WF C-2 SHALLOW	28 24 13	082 26 38	02	79-05-18 79-09-18	50.37 51.24	-- --
282417082271001	CROSSBAR WF N4S DEEP	28 24 17	082 27 10	01	79-05-18	49.00	--

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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)
PASCO							
282417082271001	CROSSBAR WF N4S DEEP	28 24 17	082 27 10	01	79-09-18	50.38	--
282418082162001	82421601 24S20E11 PAT NATHE IRR WELL	28 24 18	082 16 20	01	79-05-11 79-09-20	76.79 83.60	172.40 165.59
282419082271201	CROSSBAR WF N-2 DEEP	28 24 19	082 27 12	01	79-05-18 79-09-18	48.78 50.17	-- --
282419082271202	CROSSBAR WF N-2 SHALLOW	28 24 19	082 27 12	02	79-05-18 79-09-18	48.03 48.79	-- --
282428082134501	82421301 24S21E08 LEE WELL	28 24 28	082 13 45	01	79-05-11 79-09-20	63.05 69.29	106.78 100.54
282430082112101	82421102 24S21E10 SELF WELL	28 24 30	082 11 21	01	79-05-11 79-09-21	62.47 68.56	67.53 61.44
282430082271201	CROSSBAR WF N-1 DEEP	28 24 30	082 27 12	01	79-05-18 79-09-18	48.19 49.61	-- --
282430082271202	CROSSBAR WF N-1 SHALLOW	28 24 30	082 27 12	02	79-05-18 79-09-18	46.28 47.19	-- --
282434082200301	AIRSTREAM TRL PARK D. WELL 833 NR DARBY	28 24 34	082 20 03	01	79-05-14 79-09-17	67.76 73.22	-- --
282441082271201	CROSSBAR WF N-12 DEEP	28 24 41	082 27 12	01	79-05-18 79-09-18	39.94 42.31	-- --
282441082271202	CROSSBAR WF N-12 SHALLOW	28 24 41	082 27 12	02	79-05-18 79-09-18	40.76 42.41	-- --
282442082124401	82421201 24S21E09 CLAYPIT WELL	28 24 42	082 12 44	01	78-11-08 79-01-04 79-03-16 79-05-11 79-07-03 79-09-20	63.49 62.67 62.79 62.73 63.50 68.70	-- -- -- 50.47 -- 44.50
282444082263001	CROSS-BAR WELL FIELD NWO-1	28 24 44	082 26 30	01	79-05-18 79-09-18	40.24 41.42	-- --
282454082382301	CARTER DP NR ARIPEKA	28 24 54	082 38 23	01	79-05-14 79-09-18	11.75 12.96	-- --
282459082271301	CROSSBAR WF N4N DEEP	28 24 59	082 27 13	01	79-05-18 79-09-18	36.87 38.00	-- --
282505082261301	CROSS-BAR WELL FIELD NRW	28 25 05	082 26 13	01	79-05-18 79-09-18	38.67 40.39	-- --
282516082365501	LORE DP NR ARIPEKA	28 25 16	082 36 55	01	79-05-14 79-09-18	14.18 17.75	-- --
282534082222801	BARTHELE RANCH D. WELL 818 NR DARBY	28 25 34	082 22 28	01	79-05-14 79-09-17	49.55 51.76	-- --
282552082181201	82521801 24S20E04 EMMET EVANS WELL AT DIXIE	28 25 52	082 18 12	01	79-09-17	85.61	--
282552082314201	GOOCH DP NR MASARKTN	28 25 52	082 31 42	01	79-05-14 79-09-18	24.55 31.91	-- --
282717082142001	82721401 23S21E30 ROSSINI WELL WEST OF TRILBY	28 27 17	082 14 20	01	78-11-22 79-05-11	53.70 53.85	65.22 65.07
282816082123701	82821201 23S21E21 TOMKOW HAY BARN WELL	28 28 16	082 12 37	01	78-11-17 78-11-22 79-05-11 79-09-21	49.15 49.10 50.82 56.61	-- -- 75.88 70.09
PINELLAS							
274247082410901	WELL NUMBER 54 ECKERD COLLEGE	27 42 47	082 41 09	01	79-05-17 79-09-19	8.60 10.14	-- --
274259082405402	WELL NUMBER B6 SW ST PETERSBURG INJ MON 850	27 42 59	082 40 54	02	78-10-05 78-10-12 78-10-19 78-10-26 78-11-03 78-11-09 78-11-17 78-12-15 79-01-04 79-01-11 79-01-30 79-02-09 79-02-15 79-02-23	6.52 7.05 6.08 5.95 5.45 5.83 5.25 5.08 2.62 3.50 3.35 1.15 1.21 1.23	-- -- -- -- -- -- -- -- -- -- -- -- -- --
274259082405403	WELL NUMBER B7 SW ST PETERSBURG INJ MON 632	27 42 59	082 40 54	03	78-10-05	8.29	--

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PINELLAS							
274259082405403	WELL NUMBER B7 SW ST PETERSBURG INJ MON 632	27 42 59	082 40 54	03	78-10-12	8.85	--
					78-10-19	9.06	--
					78-10-26	7.67	--
					78-11-03	7.16	--
					78-11-09	7.46	--
					78-11-17	7.11	--
					78-12-15	6.19	--
					79-01-04	5.96	--
					79-01-11	6.81	--
					79-01-30	6.67	--
					79-02-09	5.19	--
					79-02-15	4.77	--
					79-02-23	4.99	--
274259082405404	WELL NUMBER B8 SW ST PETERSBURG INJ MON 400	27 42 59	082 40 54	04	78-10-05	9.20	--
					78-10-12	9.38	--
					78-10-19	9.12	--
					78-10-26	8.75	--
					78-11-03	8.38	--
					78-11-09	8.73	--
					78-11-17	8.31	--
					78-12-15	8.10	--
					79-01-04	8.05	--
					79-01-11	8.88	--
					79-01-30	8.96	--
					79-02-09	8.29	--
					79-02-15	8.05	--
					79-02-23	8.15	--
274259082410201	WELL NUMBER B1 SW ST PETERSBURG MON 1286	27 42 59	082 41 02	01	78-10-05	-6.98	--
					78-10-12	-7.02	--
					78-10-19	-6.78	--
					78-10-26	-7.14	--
					78-11-03	-7.57	--
					78-11-09	-7.11	--
					78-11-17	-7.53	--
					78-12-15	-7.47	--
					79-01-04	-7.60	--
					79-01-11	-6.69	--
					79-01-30	-6.75	--
					79-02-09	-6.85	--
					79-02-15	-7.21	--
					79-02-23	-7.17	--
274259082410202	WELL NUMBER B2 SW ST PETERSBURG MON 1120	27 42 59	082 41 02	02	78-10-05	-3.10	--
					78-10-12	-3.28	--
					78-10-19	-3.40	--
					78-10-26	-3.33	--
					78-11-03	-3.71	--
					78-11-09	-3.24	--
					78-11-15	-3.69	--
					78-11-17	-3.65	--
					78-12-15	-3.56	--
					79-01-04	-3.72	--
					79-01-11	-2.84	--
					79-01-30	-2.94	--
					79-02-09	-3.00	--
					79-02-15	-3.40	--
					79-02-23	-3.33	--
274259082410203	WELL NUMBER B3 SW ST PETERSBURG MON 851	27 42 59	082 41 02	03	78-10-05	5.12	--
					78-10-12	4.99	--
					78-10-19	4.81	--
					78-10-26	4.73	--
					78-11-03	4.30	--
					78-11-09	4.72	--
					78-11-17	4.33	--
					78-12-15	5.68	--
					79-01-04	5.53	--
					79-01-11	6.42	--
					79-01-30	6.29	--
					79-02-09	5.47	--
					79-02-15	5.04	--
					79-02-23	5.09	--
274259082410204	WELL NUMBER B4 SW ST PETERSBURG MON 566	27 42 59	082 41 02	04	78-10-05	3.62	--
					78-10-12	3.48	--
					78-10-19	3.36	--
					78-10-26	3.27	--
					78-11-03	2.79	--
					78-11-09	3.14	--
					78-11-17	2.69	--
					78-12-15	2.70	--
					79-01-04	2.52	--
					79-01-11	3.35	--



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PINELLAS							
274259082410204	WELL NUMBER 84 SW ST PETERSBURG MON 566	27 42 59	082 41 02	04	79-01-30 79-02-09 79-02-15 79-02-23	3.30 3.22 2.88 2.86	-- -- -- --
274259082410205	WELL NUMBER 85 SW ST PETERSBURG MON 396	27 42 59	082 41 02	05	78-10-05 78-10-12 78-10-19 78-10-26 78-11-03  78-11-09 78-11-17 78-12-15 79-01-04 79-01-11  79-01-30 79-02-04 79-02-15 79-02-23 79-05-17 79-09-19	9.20 9.02 8.67 7.81 8.29  8.65 8.28 8.23 8.13 8.91  8.96 8.68 8.38 8.31 8.25 10.03	-- -- -- -- --  -- -- -- -- --  -- -- -- -- -- --
274323082374301	COQUINA KEY ARMS	27 43 23	082 37 43	01	79-05-18 79-09-19	6.97 8.98	-- --
274624082383701	WELL 7462382437	27 46 24	082 38 37	01	79-09-19	7.52	--
274652082432201	WELL NUMBER S10 DIOCESE OF ST PETERSBURG	27 46 52	082 43 22	01	79-05-17 79-09-19	6.83 8.23	-- --
274734082433001	TYRONE JUNIOR HIGH SCHOOL	27 47 34	082 43 30	01	79-05-17 79-09-19	6.30 7.63	-- --
274738082425101	NW YOUTH CTR DP WELL NR ST PETE	27 47 38	082 42 51	01	79-05-17	6.98	--
274848082461201	WAR VETS MEM PK DP WELL #1 NR SEMINOLE	27 48 48	082 46 12	01	79-05-17 79-09-19	3.20 4.56	-- --
274859082390701	ROBERTS COMM CTR DP NR ST PETE	27 48 59	082 39 07	01	79-05-18 79-09-18	5.00 6.67	-- --
274929082443504	SOUTH CROSS BAYOU WELL A4 AT ST PETERSBURG FL	27 49 29	082 44 35	04	79-05-17 79-09-19	6.59 7.60	-- --
274937082480801	TIDES GOLF DP WELL NR SEMINOLE	27 49 37	082 48 08	01	79-05-16 79-09-19	5.37 6.86	-- --
275013082452901	OTTO WEAVER	27 50 13	082 45 29	01	79-05-16 79-09-19	6.54 7.50	-- --
275047082401601	ASTRABAR	27 50 47	082 40 16	01	79-05-14 79-09-19	5.70 6.48	-- --
275121082412601	TAMERAK DP WELL NR PIN PK	27 51 21	082 41 26	01	79-05-14 79-09-19	5.52 6.33	-- --
275126082480201	KRAMER DP WELL NR LK SEMINOLE	27 51 26	082 48 02	01	79-05-16 79-09-18	10.07 11.01	-- --
275137082382701	KOGER DEEP AT ST. PETE, FL	27 51 37	082 38 27	01	79-05-14 79-09-19	3.27 4.15	-- --
275138082450301	BARDMOOR DP WELL NR SEMINOLE	27 51 38	082 45 03	01	79-05-17 79-09-19	6.67 7.84	-- --
275150082481301	RIDGE RD DP WELL NR SEMINOLE	27 51 50	082 48 13	01	79-05-16 79-09-18	8.63 9.65	-- --
275231082424401	HOR MEN HOSP DP WELL NR PIN PK	27 52 31	082 42 44	01	79-05-14 79-09-19	5.64 6.55	-- --
275241082503901	MCKAY CREEK WELL C1 AT INDIAN ROCKS BEACH FL	27 52 41	082 50 39	01	79-05-17 79-09-18	5.29 5.03	-- --
275301082464901	LK SEMINOLE DP WELL	27 53 01	082 46 49	01	79-05-16 79-09-18	6.83 7.83	-- --
275335082434701	WTR SLIDE WRLD DP WELL NR LARGO	27 53 35	082 43 47	01	79-05-14	4.56	--
275458082432301	CLE-DUN S. WELL 36 NR LARGO,FL	27 54 58	082 43 23	01	79-05-17 79-09-20	12.12 11.55	-- --
275521082444301	ST CATHERINE DP WELL NR LARGO	27 55 21	082 44 43	01	79-05-14 79-09-18	5.33 6.07	-- --
275631082435301	CLE-DUN S. WELL 35 NR LARGO,FL	27 56 31	082 43 53	01	79-05-17 79-09-20	19.83 9.61	-- --
275633082463201	CLE-DUN S. WELL 34 NR LARGO,FL	27 56 33	082 46 32	01	79-05-17 79-09-20	51.91 57.71	-- --
275636082462901	CLE-DUN D. WELL 33 NR LARGO, FL	27 56 36	082 46 29	01	79-05-15 79-05-17	5.48 3.75	-- --



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PINELLAS							
275636082462901	CLE-DUN D. WELL 33 NR LARGO, FL	27 56 36	082 46 29	01	79-09-18 79-09-20	6.47 4.90	-- --
275753082433702	CLE-DUN S. WELL 30 NR CLEARWATER, FL	27 57 53	082 43 37	02	79-05-15 79-05-16 79-09-17 79-09-18	46.13 46.69 47.47 47.13	-- -- -- --
275753082433703	CLE-DUN S. WELL 29 NR CLEARWATER, FL	27 57 53	082 43 37	03	79-05-16 79-09-17	23.02 40.14	-- --
275753082435301	CLE-DUN D. WELL 31 NR CLEARWATER, FL	27 57 53	082 43 53	01	79-05-16 79-09-17	4.77 6.55	-- --
275844082423401	BILGOPE DP WELL NR CLEARWATER	27 58 44	082 42 34	01	79-05-14 79-09-18	7.78 8.36	-- --
275925082421001	CLE-DUN S. WELL 25 AT SAFETY HARBOR, FL	27 59 25	082 42 10	01	79-05-16 79-09-20	39.75 40.10	-- --
275928082420702	CLE-DUN D. WELL 26 AT SAFETY HARBOR, FL	27 59 28	082 42 07	02	79-05-16 79-09-20	7.03 7.92	-- --
275949082442401	SYL ABHEY DP WELL NR SFTY HARBOR	27 59 49	082 44 24	01	79-05-14 79-09-18	9.09 9.89	-- --
280015082471201	CLE-DUN D. WELL 23 AT DUNEDIN, FL	28 00 15	082 47 12	01	79-05-16 79-09-20	5.44 6.93	-- --
280059082464901	CLE-DUN S. WELL 21 NR DUNEDIN, FL	28 00 59	082 46 49	01	79-05-17 79-09-20	14.03 16.89	-- --
280104082463101	CLE-DUN D. WELL 20 AT DUNEDIN, FL	28 01 04	082 46 31	01	79-05-17 79-05-17 79-09-18 79-09-20	6.02 5.02 7.42 8.34	-- -- -- --
280105082423201	USGS S C-32	28 01 05	082 42 32	01	79-05-17 79-09-18	48.36 48.95	-- --
280107082433801	FOREST SER DP WELL NR DUNEDIN	28 01 07	082 43 38	01	79-05-14 79-09-18	8.81 9.79	-- --
280107082460401	CLE-DUN S. WELL 18 AT DUNEDIN, FL	28 01 07	082 46 04	01	79-05-17 79-05-17 79-09-18 79-09-20	28.02 25.15 28.25 28.03	-- -- -- --
280111082453501	CLE-DUN D. WELL 15 AT DUNEDIN, FL	28 01 11	082 45 35	01	79-05-17 79-09-18	1.56 3.11	-- --
280122082471101	CLE-DUN D. WELL 22 AT DUNEDIN, FL	28 01 22	082 47 11	01	79-05-16	5.12	--
280133082415102	CLE-DUN D. WELL 05 NR OLDSMAR, FL	28 01 33	082 41 51	02	79-05-17 79-09-20	3.95 5.03	-- --
280158082441701	CLE-DUN D. WELL 14 NR DUNEDIN, FL	28 01 58	082 44 17	01	79-05-17	7.35	--
280214082464201	CLE-DUN D. WELL 12 AT DUNEDIN, FL	28 02 14	082 46 42	01	79-05-17 79-09-20	6.22 6.93	-- --
280219082455701	CLE-DUN D. WELL 13 NR DUNEDIN, FL	28 02 19	082 45 57	01	79-05-17 79-09-20	6.10 8.02	-- --
280228082465001	CLE-DUN D. WELL 11 NR DUNEDIN, FL	28 02 28	082 46 50	01	79-05-17 79-09-20	4.62 4.99	-- --
280254082414101	USGS S. WELL NR LARGO, FL	28 02 54	082 41 41	01	79-05-17	3.03	--
280254082441602	CLE-DUN D. WELL 17 NR DUNEDIN, FL	28 02 54	082 44 16	02	79-05-16 79-09-19	9.18 10.01	-- --
280254082441603	CLE-DUN S. WELL 16 NR DUNEDIN, FL	28 02 54	082 44 16	03	79-05-16 79-09-19	64.73 65.21	-- --
280311082433701	CLE-DUN D. WELL 19 NR PALM HARBOR, FL	28 03 11	082 43 37	01	79-05-16 79-09-19	24.74 25.94	-- --
280345082422101	USGS S. WELL 129 E. LK RD NR OLDSMAR	28 03 45	082 42 21	01	79-09-17	10.38	--
280405082455401	CLE-DUN S. WELL 08 AT PALM HARBOR, FL	28 04 05	082 45 54	01	79-05-16 79-09-19	4.76 5.65	-- --
280420082451901	CLE-DUN D. WELL 09 NR PALM HARBOR, FL	28 04 20	082 45 19	01	79-05-16 79-09-19	2.73 3.45	-- --
280437082441001	CLE-DUN D. WELL 02 NR PALM HARBOR, FL	28 04 37	082 44 10	01	79-05-16	6.11	--
280457082420403	CLE-DUN S. WELL 1A NR OLDSMAR, FL	28 04 57	082 42 04	03	79-05-17 79-09-17	4.71 6.17	-- --
280459082423901	CLE-DUN D. WELL 03 NR PALM HARBOR, FL	28 04 59	082 42 39	01	79-05-16	6.73	--

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PINELLAS							
280459082423901	CLE-DUN D. WELL 03 NR PALM HARBOR, FL	28 04 59	082 42 39	01	79-09-19	7.42	--
280511082405601	E. LAKE WF D. WELL 8 NR OLDSMAR, FL	28 05 11	082 40 56	01	79-05-15 79-09-18	11.77 13.09	-- --
280511082405602	E. LAKE WF S. WELL 8 NR OLDSMAR, FL	28 05 11	082 40 56	02	79-05-15 79-09-18	12.59 12.40	-- --
280522082405601	E. LAKE WELL FIELD S. WELL 147 NR OLDSMAR, FL	28 05 22	082 40 56	01	79-05-15 79-09-18	12.97 13.51	-- --
280522082462101	CLE-DUN S. WELL 07 NR PALM HARBOR, FL	28 05 22	082 46 21	01	79-05-16 79-09-19	2.32 2.95	-- --
280532082405701	E. LAKE WF D. WELL 7 NR OLDSMAR, FL	28 05 32	082 40 57	01	79-05-15 79-09-18	6.58 13.86	-- --
280532082405702	E. LAKE WF S. WELL 7 NR OLDSMAR, FL	28 05 32	082 40 57	02	79-05-15 79-09-18	13.08 13.33	-- --
280555082411701	E. LAKE WF D. WELL 140 NR OLDSMAR, FL	28 05 55	082 41 17	01	79-05-15 79-09-18	12.04 13.00	-- --
280555082411702	E. LAKE WF S. WELL 140 NR OLDSMAR, FL	28 05 55	082 41 17	02	79-05-15 79-09-18	11.68 11.72	-- --
280556082405701	E. LAKE WELL FIELD D. WELL 4 NR OLDSMAR, FL	28 05 56	082 40 57	01	79-05-15 79-09-18	12.70 14.46	-- --
280556082405702	E. LAKE WF S. WELL 4 NR OLDSMAR, FL	28 05 56	082 40 57	02	79-05-15 79-09-18	14.12 14.63	-- --
280603082410901	E. LAKE WF D. WELL 3 NR OLDSMAR, FL	28 06 03	082 41 09	01	79-05-15 79-09-18	9.62 14.10	-- --
280603082410902	E. LAKE WF S. WELL 3 NR OLDSMAR, FL	28 06 03	082 41 09	02	79-05-15 79-09-18	12.47 15.89	-- --
280614082411701	E. LAKE WF D. WELL 2 NR OLDSMAR, FL	28 06 14	082 41 17	01	79-05-15 79-09-18	12.56 14.11	-- --
280614082411702	E. LAKE WF S. WELL 2 NR OLDSMAR, FL	28 06 14	082 41 17	02	79-05-15 79-09-18	14.00 14.29	-- --
280617082405701	E. LAKE WF D. WELL 5 NR OLDSMAR, FL	28 06 17	082 40 57	01	79-05-15 79-09-18 79-05-15 79-09-18	12.93 14.84 11.56 12.03	-- -- -- --
280624082404101	E. LAKE WF D. WELL 141 NR OLDSMAR, FL	28 06 24	082 40 41	01	79-05-15 79-09-18	13.84 16.04	-- --
280624082404102	E. LAKE WF S. WELL 141 NR OLDSMAR, FL	28 06 24	082 40 41	02	79-05-15 79-09-18	15.00 16.00	-- --
280631082411701	E. LAKE WF D. WELL 1 NR OLDSMAR, FL	28 06 31	082 41 17	01	79-05-15 79-09-18	12.87 14.49	-- --
280631082411702	E. LAKE WF S. WELL 1 NR OLDSMAR, FL	28 06 31	082 41 17	02	79-05-14 79-09-18	11.51 11.93	-- --
280638082405501	E. LAKE WF D. WELL 6 NR OLDSMAR, FL	28 06 38	082 40 55	01	79-05-15 79-09-18	7.58 16.16	-- --
280638082405502	E. LAKE WF S. WELL 6 NR OLDSMAR, FL	28 06 38	082 40 55	02	79-05-15 79-09-18	11.62 12.02	-- --
280651082412201	E. LAKE WF S. WELL 145 NR OLDSMAR, FL	28 06 51	082 41 22	01	79-05-15 79-09-18	14.19 14.48	-- --
280712082414701	USGS S. WELL 118 NR OLDSMAR	28 07 12	082 41 47	01	79-05-17 79-09-19	14.51 14.85	-- --
280852082392801	USGS S. WELL EW-5	28 08 52	082 39 28	01	79-05-15 79-09-18	19.47 20.59	-- --
280855082402601	ELDR WILDE WF D. WELL 023 NR T. SPGS.	28 08 55	082 40 26	01	79-05-17 79-09-19	19.13 13.14	-- --
280859082402302	ELDR WILDE WF S. WELL 3 SO. NR TARPON SGS.	28 08 59	082 40 23	02	79-05-15 79-09-18	23.02 23.46	-- --
280902082395201	USGS S. WELL 4A NR TARPON SGS, FLA.	28 09 02	082 39 52	01	79-05-15 79-09-18	24.61 24.95	-- --
280903082395101	PINELLAS WELL 4A NR TARPON SGS, FLA.	28 09 03	082 39 51	01	79-09-18	12.89	--
280909082392302	PINELLAS S. WELL 7 NR TARPON SGS, FLA.	28 09 09	082 39 23	02	79-05-15 79-09-18	16.73 18.51	-- --
280910082385001	USGS D. WELL EW-4 NR TARPON SGS	28 09 10	082 38 50	01	79-05-15 79-09-19	20.42 22.61	-- --

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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)
PINELLAS							
280910082385002	USGS S. WELL EW-4 NR TARPON SGS, FLA.	28 09 10	082 38 50	02	79-05-15 79-09-19	25.19 26.34	-- --
280910082390801	ELDRIDGE-WILDE 9 SHALLOW	28 09 10	082 39 08	01	79-05-15 79-09-18	18.99 20.03	-- --
280912082394301	ELDR WILDE WF S. WELL 5A NR T. SPGS.	28 09 12	082 39 43	01	79-05-15 79-09-18	27.42 28.25	-- --
280917082395602	ELDR WILDE WF S. WELL 4N NR TARPON SGS.	28 09 17	082 39 56	02	79-05-15 79-09-18	27.98 28.18	-- --
280918082391201	ELDR. WILDE WF D. WELL 10 NR TARPON SGS.	28 09 18	082 39 12	01	79-05-15	11.47	--
280918082392601	ELDR WILDE WF S. WELL 119 NR TARPON SGS.	28 09 18	082 39 26	01	79-05-15 79-09-18	18.46 18.42	-- --
280919082395801	ELDR WILDE WF D. WELL 026 NR TARPON SPGS.	28 09 19	082 39 58	01	79-05-15 79-09-18	15.63 16.31	-- --
280919082395802	ELDRIDGE-WILDE 026 SHALLOW	28 09 19	082 39 58	02	79-05-15 79-09-18	27.62 28.31	-- --
280920082393001	ELDR WILDE WF PROD WELL 119 NR TARPON SGS.	28 09 20	082 39 30	01	79-05-15 79-09-18	6.41 15.51	-- --
280926082392801	ELDR WILDE WF PROD WELL 114 NR TARPON SPGS.	28 09 26	082 39 28	01	79-05-15 79-09-18	8.95 15.75	-- --
280927082394502	USGS S. WELL EW-6 NR TARPON SGS.	28 09 27	082 39 45	02	79-05-15 79-09-18	24.12 25.30	-- --
280942082390601	PINELLAS S. WELL N1A NR TARPON SGS.	28 09 42	082 39 06	01	79-05-15 79-09-18	15.58 20.03	-- --
280942082390702	PINELLAS S. WELL N1B	28 09 42	082 39 07	02	79-05-15 79-09-18	25.03 26.43	-- --
280950082383801	ELDR WILDE WF S. WELL 021 NR TARPON SPGS.	28 09 50	082 38 38	01	79-05-15 79-09-18	27.42 29.47	-- --
280954082390501	ELDR WILDE S. WELL 112 NR TARPON SGS, FLA.	28 09 54	082 39 05	01	79-09-19	27.13	--
280955082395701	USGS D. WELL 004 NR TARPON SGS, FLA.	28 09 55	082 39 57	01	79-05-15 79-09-18	18.98 20.22	-- --
280955082395702	USGS S. WELL 004 NR. TARPON SGS, FLA.	28 09 55	082 39 57	02	79-05-15 79-09-18	22.99 23.31	-- --
280956082381802	ELDR WILDE S. WELL 139G NR TARPON SGS	28 09 56	082 38 18	02	79-05-15 79-09-18	37.67 38.30	-- --
281001082391601	USGS S. WELL 109 NR TARPON SGS, FLA.	28 10 01	082 39 16	01	79-05-15 79-09-18	20.94 20.91	-- --
281009082384301	ELDR WILDE WF PROD WELL 135 NR TARPON SPGS.	28 10 09	082 38 43	01	79-05-15	19.70	--
281010082463001	STAUFFER CHEM DP WELL NR TAR SPRGS	28 10 10	082 46 30	01	79-05-14 79-09-18	3.72 2.54	-- --
281011082382001	ELDR WILDE WF PROD WELL 141 NR TARPON SPGS.	28 10 11	082 38 20	01	79-05-15 79-09-18	24.27 21.37	-- --
281011082393301	ELDR WILDE D. WELL 102 NR TARPON SGS, FLA.	28 10 11	082 39 33	01	79-05-15 79-09-18	14.87 19.72	-- --
281011082393302	ELDR WILDE S. WELL 102 NR TARPON SGS, FLA.	28 10 11	082 39 33	02	79-05-15	19.42	--
281012082382801	USGS S. WELL 137 NR TARPON SGS, FLA.	28 10 12	082 38 28	01	79-05-15 79-09-18	21.19 21.57	-- --
281016082382801	ELDR. WILDE WF PROD WELL 137 NR TARPON SPGS.	28 10 16	082 38 28	01	79-05-15 79-09-18	19.86 26.04	-- --
281017082380901	ELDR WILDE WELL 142 NR TARPON SGS, FLA.	28 10 17	082 38 09	01	79-05-15 79-09-18	26.54 14.62	-- --
281018082391702	PINELLAS S. WELL 105 NR TARPON SGS, FLA.	28 10 18	082 39 17	02	79-05-15 79-09-18	21.22 20.58	-- --
281021082383901	ELDR. WILDE WF PROD WELL 134 NR TARPON SPGS.	28 10 21	082 38 39	01	79-05-15 79-09-18	20.36 15.57	-- --
281022082381901	PINELLAS D. WELL 140 NR TARPON SGS, FLA.	28 10 22	082 38 19	01	79-05-15 79-09-18	24.87 2.18	-- --
281022082381902	PINELLAS S. WELL 140 NR TARPON SGS, FLA.	28 10 22	082 38 19	02	79-05-15 79-09-18	27.88 30.25	-- --
281022082383101	ELDR. WILDE WF PROD WELL 136 NR TARPON SPGS.	28 10 22	082 38 31	01	79-05-15 79-09-18	20.57 7.67	-- --
281023082393301	ELDR. WILDE WF PROD WELL 101 NR TARPON SPGS.	28 10 23	082 39 33	01	79-05-15	17.28	--

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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)
PINELLAS							
281023082393301	ELDR. WILDE WF PROD WELL 101 NR TARPON SPGS.	28 10 23	082 39 33	01	79-09-18	20.14	--
POLK							
273932081515601	DURRANCE RD WELL NR HOWLING GREEN	27 39 32	081 51 56	01	79-05-17 79-09-20	50.06 62.98	-- --
273944081470801	GILLISPIE IRR WELL NR ROWLING GREEN	27 39 44	081 47 08	01	79-05-17 79-09-20	55.65 65.92	-- --
274139081500301	(W.L. DAVIS) CITRUS IRR WELL NR FT. MEADE	27 41 39	081 50 03	01	79-05-17 79-09-20	53.72 64.60	-- --
274140081362201	ALTMAN IRR WELL NR FROST PROOF	27 41 40	081 36 22	01	79-05-15	80.28	--
274320082013001	CHICORA RD (I. ALBRITTON) IRR WELL	27 43 20	082 01 30	01	79-05-17 79-09-20	39.73 52.35	-- --
274353081415001	CW ADAMS IRR WELL NR FT. MEADE	27 43 53	081 41 50	01	79-05-15 79-09-21	54.74 65.88	-- --
274356081535501	OLD BREWSTER RD WELL NR BREWSTER	27 43 56	081 53 55	01	79-05-17 79-09-20	54.24 65.00	-- --
274516081482001	(FT. MEADE) CITY WELL AT FT. MEADE	27 45 16	081 48 20	01	79-09-20	63.37	--
274530081404501	W.M. KELLY IRR WELL NR LK. BUFFUM	27 45 30	081 40 45	01	79-05-15 79-09-19	53.49 64.76	-- --
274543081595701	H.B. PEARCE IRR WELL NR BREWSTER	27 45 43	081 59 57	01	79-05-17 79-09-20	46.82 57.98	-- --
274701081432601	E. VARN WELL NR FT. MEADE	27 47 01	081 43 26	01	79-05-15 79-09-19	43.97 55.08	-- --
274725081333601	BAHSON PARK QUAD	27 47 25	081 33 36	01	79-05-15 79-09-19	84.05 89.95	-- --
274841081480901	V. C. CORP OFFICE WELL AT HOMELAND	27 48 41	081 48 09	01	79-05-16 79-09-19	49.92 59.68	-- --
274910081452201	LAKE GARFIELD NURSERIES IRR WELL	27 49 10	081 45 22	01	79-05-16 79-09-14	49.66 64.48	-- --
275016081370401	O.T. BRYAN IRR WELL	27 50 16	081 37 04	01	79-05-15 79-09-18	88.59 95.62	-- --
275040081493001	IMC TEST WELL ON HWY 98 NR BARTOW	27 50 40	081 49 30	01	79-05-17 79-09-19	71.18 77.85	-- --
275102081435201	GOLON D. WELL NR ALTURAS	27 51 02	081 43 52	01	79-05-16 79-09-18	63.28 69.35	-- --
275209081450201	BRYAN D. WELL NR ALTURAS	27 52 09	081 45 02	01	79-05-16 79-09-18	66.13 75.60	-- --
275224081402901	NEWCOMBE D. WELL NR ALTURAS	27 52 24	081 40 29	01	79-05-16 79-09-18	72.56 79.92	-- --
275303081454901	CHEATHAM D. WELL NR BARTOW	27 53 03	081 45 49	01	79-05-16 79-09-18	66.20 78.44	-- --
275326081341201	FLA UTILITIES D. WELL AT LAKE WALES	27 53 26	081 34 12	01	79-09-18	100.27	--
275337081552801	C.F. INDUSTRIES SR 60 WELL NR MULBERRY	27 53 37	081 55 28	01	79-05-17 79-09-17	53.43 64.14	-- --
275338081424001	REGISTER D. WELL AT ALTURAS	27 53 38	081 42 40	01	79-05-16 79-09-18	74.66 77.55	-- --
275403081391301	SR 60 D. WELL NR LAKE WALES	27 54 03	081 39 13	01	79-05-16 79-09-18	97.38 102.78	-- --
275455081341801	W.I. ROPER IRR WELL AT LAKE WALES	27 54 55	081 34 18	01	79-05-16	101.02	--
275620081355901	1212	27 56 20	081 35 59	01	79-05-15 79-09-18	103.45 105.63	-- --
275729081404701	SMITH IRR WELL NR CYPRESS GARDENS	27 57 29	081 40 47	01	79-05-16 79-09-17	107.14 109.18	-- --
275752081335801	ELOISE GROVES D. WELL NR LAKE WALES	27 57 52	081 33 58	01	79-09-18	86.75	--
275756081432301	BERRY D. WELL NR WINTER HAVEN	27 57 56	081 43 23	01	79-05-16 79-09-17	103.59 108.06	-- --
275924081594601	F.P. RUNCH IRR WELL NR LAKELAND	27 59 24	081 59 46	01	79-05-17 79-09-17	63.79 71.40	-- --
280229081325201	80213201 28528E18 LK HAMILTON WELL NR L HAMILTON	28 02 29	081 32 52	01	78-10-12 78-10-23	80.26 81.73	13.64 12.17

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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)
POLK							
280229081325201	80213201 28S28E18 LK HAMILTON WELL NR L HAMILTON	28 02 29	081 32 52	01	78-12-05 78-12-19 79-01-24 79-03-28 79-03-29 79-05-01 79-05-23 79-06-19 79-07-06 79-09-10 79-09-12 79-09-17	79.34 79.41 82.15 79.73 79.66 80.30 81.42 80.15 82.22 83.66 83.66 83.72	14.56 14.49 11.75 14.17 14.24 13.60 12.48 13.75 11.68 10.24 -- 10.18
280420081570101	LAKELAND STADIUM WELL AT LAKELAND	28 04 20	081 57 01	01	79-05-17 79-09-17	100.76 104.83	-- --
280455082021501	PLANT CITY QUAD	28 04 55	082 02 15	01	79-05-14 79-09-20	100.20 105.98	-- --
280503081552601	FISH LAKE S. WELL NR LAKELAND, FLA	28 05 03	081 55 26	01	78-10-16 78-12-12 79-09-18	118.27 116.89 121.98	16.75 18.13 13.02
280549081492401	ADAMS WELL NR AUBURNDALE, FLA	28 05 49	081 49 24	01	79-05-07 79-09-18	121.92 126.55	42.28 37.65
281317081491301	813149423 26S25E16	28 13 17	081 49 13	01	79-05-07 79-09-18	125.88 128.78	5.85 2.95
281440081431701	814143232 26S26E04	28 14 40	081 43 17	01	79-09-18	128.71	6.97
281532081493001	815149233 25S25E32	28 15 32	081 49 30	01	79-05-07 79-09-18	123.97 126.69	5.58 2.86
281541081572101	815157232 25S24E31	28 15 41	081 57 21	01	79-05-07 79-09-18	105.66 108.70	3.96 0.92
SARASOTA							
270710082092101	GEN. DEVELOPMENT WELL NR N PORT CHARLOTTE	27 07 10	082 09 21	01	79-05-15 79-09-18	43.90 48.10	-- --
270714082155201	BLKBRN RNCH WELL 121 NR N PORT CHARLOTTE	27 07 14	082 15 52	01	79-05-16	36.50	--
270728082232801	STEVE DEAN (WHEELRIGHT) WELL NR VENICE	27 07 28	082 23 28	01	79-05-16	14.90	--
270835082051601	T.B. LONGINO WELL	27 08 35	082 05 16	01	79-05-15 79-09-18	34.80 38.70	-- --
270922082074401	WALTON RANCH (V.O.) WELL SE SARASOTA CO.	27 09 22	082 07 44	01	79-05-15 79-09-18	33.50 40.50	-- --
271130082064901	MABRY CARLTON	27 11 30	082 06 49	01	79-05-16 79-09-17	35.75 42.50	-- --
271333082233201	DALAS DORT WELL NR BEE RIDGE	27 13 33	082 23 32	01	79-05-14 79-09-19	18.30 27.45	-- --
271450082292601	I.Z. MANN GOLF CSC WELL NR SARASOTA	27 14 50	082 29 26	01	79-05-16 79-09-19	25.30 30.25	-- --
271922082241801	TURNER RANCH WELL NR SARASOTA	27 19 22	082 24 18	01	79-05-16 79-09-18	12.97 23.67	-- --
271947082205401	HI HAT RANCH D. WELL NR SARASOTA	27 19 47	082 20 54	01	79-05-16 79-09-18	12.48 22.02	-- --
272022082231201	ANDREWS DAIRY NR SARASOTA	27 20 22	082 23 12	01	79-05-16	14.43	--
272206082151101	VERNA W T WELL 23	27 22 06	082 15 11	01	79-05-15 79-09-18	64.36 65.52	-- --
272209082152001	VERNA W T WELL 22	27 22 09	082 15 20	01	79-05-15 79-09-18	67.75 67.93	-- --
272211082151901	VERNA W T WELL 21	27 22 11	082 15 19	01	79-05-17 79-09-18	66.97 67.02	-- --
272213082154901	VERNA PROD WELL 38	27 22 13	082 15 49	01	79-05-15	6.39	--
272218082151201	VERNA W T WELL 20	27 22 18	082 15 12	01	79-09-18	67.41	--
272218082152701	VERNA PROD WELL 35	27 22 18	082 15 27	01	79-09-18	-38.70	--
272219082151701	VERNA PROD WELL 37	27 22 19	082 15 17	01	79-05-15	13.33	--
272220082151201	VERNA PROD WELL 36	27 22 20	082 15 12	01	79-05-15 79-09-18	-52.52 3.12	-- --
272223082152201	VERNA W T WELL 25	27 22 23	082 15 22	01	79-05-15 79-09-18	75.32 76.43	-- --
272225082152001	VERNA PROD WELL 34	27 22 25	082 15 20	01	79-05-15	-39.37	--



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SARASOTA							
272225082152001	VERNA PROD WELL 34	27 22 25	082 15 20	01	79-09-18	11.40	--
272225082152201	VERNA W T WELL 19	27 22 25	082 15 22	01	79-05-15 79-09-18	74.33 75.85	-- --
272226082153401	VERNA W T WELL 26	27 22 26	082 15 34	01	79-05-15 79-09-18	84.85 86.18	-- --
272233082151101	VERNA PROD WELL 32	27 22 33	082 15 11	01	79-09-18	19.41	--
272233082152701	VERNA PROD WELL 31	27 22 33	082 15 27	01	79-05-15 79-09-18	-26.93 15.82	-- --
272236082155801	VERNA W T WELL 27	27 22 36	082 15 58	01	79-05-15 79-09-18	92.16 94.06	-- --
272245082161501	WELL 722 216 4515	27 22 45	082 16 15	01	79-09-18	94.53	--
272247082170201	VERNA PROD WELL 23	27 22 47	082 17 02	01	79-09-18	-18.67	--
272247082175301	VERNA W T WELL 13	27 22 47	082 17 53	01	79-05-15 79-09-18	77.26 79.10	-- --
272248082162801	VERNA PROD WELL 29	27 22 48	082 16 28	01	79-05-15 79-09-18	4.31 14.51	-- --
272248082164501	VERNA PROD WELL 26	27 22 48	082 16 45	01	79-05-15 79-09-18	1.39 -6.09	-- --
272248082171901	VERNA PROD. WELL 20	27 22 48	082 17 19	01	79-09-18	19.04	--
272248082173601	VERNA PROD WELL 17	27 22 48	082 17 36	01	79-05-15 79-09-18	-15.09 4.85	-- --
272248082175301	VERNA PROD WELL 14	27 22 48	082 17 53	01	79-05-15 79-09-18	-11.74 16.81	-- --
272248082180801	VERNA PROD WELL 11	27 22 48	082 18 08	01	79-09-18	5.14	--
272248082181701	VERNA PROD WELL 8	27 22 48	082 18 17	01	79-05-15 79-09-18	-23.93 -11.88	-- --
272248082184601	VERNA PROD WELL 5	27 22 48	082 18 46	01	79-09-18	15.59	--
272248082190301	VERNA PROD WELL 2	27 22 48	082 19 03	01	79-05-15	3.33	--
272248082190302	VERNA W T WELL 6	27 22 48	082 19 03	02	79-05-15 79-09-18	73.34 77.72	-- --
272251082184001	VERNA W T WELL 7	27 22 51	082 18 40	01	79-05-15 79-09-18	71.39 72.70	-- --
272252082165001	VERNA W T WELL 30	27 22 52	082 16 50	01	79-05-15 79-09-18	78.50 78.97	-- --
272253082163001	VERNA W T WELL 29	27 22 53	082 16 30	01	79-05-15 79-09-18	88.40 89.23	-- --
272253082174001	VERNA W T WELL 14	27 22 53	082 17 40	01	79-05-15 79-09-18	77.52 79.38	-- --
272253082195401	VERNA KME T WELL 4	27 22 53	082 19 54	01	79-05-15 79-09-18	12.82 25.49	-- --
272253082195402	VERNA W T WELL 1	27 22 53	082 19 54	02	79-05-15 79-09-18	60.54 62.44	-- --
272254082171601	VERNA W T WELL 18	27 22 54	082 17 16	01	79-05-15 79-09-18	77.52 78.21	-- --
272254082171701	VERNA W T WELL 17	27 22 54	082 17 17	01	79-05-15 79-09-18	77.30 78.01	-- --
272255082172201	VERNA WF DRAIN WELL AT VERNA	27 22 55	082 17 22	01	79-05-15 79-09-18	11.31 23.99	-- --
272255082180202	VERNA W T WELL 12	27 22 55	082 18 02	02	79-05-15 79-09-18	76.46 78.90	-- --
272256082173401	VERNA W T WELL 15	27 22 56	082 17 34	01	79-05-15 79-09-18	78.40 79.86	-- --
272256082183701	VERNA W T WELL 8	27 22 56	082 18 37	01	79-05-15 79-09-18	71.44 72.24	-- --
272257082162801	VERNA PROD WELL 28	27 22 57	082 16 28	01	79-05-15 79-09-18	-11.01 4.47	-- --
272257082165401	VERNA PROD WELL 24	27 22 57	082 16 54	01	79-09-18	-48.59	--
272257082171001	VERNA PROD WELL 21	27 22 57	082 17 10	01	79-09-18	4.37	--
272257082172801	VERNA PROD WELL 18	27 22 57	082 17 28	01	79-09-18	3.25	--



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SARASOTA							
272257082173301	VERNA W T WELL 16	27 22 57	082 17 33	01	79-05-15 79-09-18	76.62 77.94	-- --
272257082174401	VERNA PROD WELL 15	27 22 57	082 17 44	01	79-05-15 79-09-18	-15.49 4.38	-- --
272257082180201	VERNA PROD WELL 12	27 22 57	082 18 02	01	79-05-15 79-09-18	-28.85 14.36	-- --
272257082180202	VERNA W T WELL 11	27 22 57	082 18 02	02	78-10-02 78-12-04 79-02-06 79-04-04 79-05-15  79-06-12 79-08-02 79-09-18	78.14 76.07 77.89 76.15 76.22  75.91 75.85 78.65	-- -- -- -- --  -- -- --
272257082181801	VERNA PROD WELL 9	27 22 57	082 18 18	01	79-05-15	5.91	--
272257082183501	VERNA S WELL 6A	27 22 57	082 18 35	01	79-05-15 79-09-18	61.98 61.98	-- --
272257082183601	VERNA PROD WELL 6	27 22 57	082 18 36	01	79-05-15	-15.90	--
272257082185401	VERNA PROD WELL 3	27 22 57	082 18 54	01	79-09-18	-10.49	--
272258082184901	VERNA W T WELL 5	27 22 58	082 18 49	01	79-05-15 79-09-18	70.19 72.18	-- --
272258082184902	VERNA W T WELL 4	27 22 58	082 18 49	02	79-05-15 79-09-18	70.80 72.04	-- --
272258082193601	VERNA W T WELL 31	27 22 58	082 19 36	01	79-05-14 79-09-18	61.29 62.78	-- --
272304082161801	VERNA PROD WELL 30	27 23 04	082 16 18	01	79-05-15 79-09-18	5.37 18.66	-- --
272305082185701	VERNA W T WELL 3	27 23 05	082 18 57	01	79-05-15 79-09-18	69.47 71.92	-- --
272306082182601	VERNA S WELL 7A	27 23 06	082 18 26	01	79-05-15 79-09-18	65.31 68.37	-- --
272306082184601	VERNA PROD WELL 4	27 23 06	082 18 46	01	79-05-15 79-09-18	-52.41 -24.63	-- --
272307082164501	VERNA PROD WELL 25	27 23 07	082 16 45	01	79-05-15 79-09-18	-8.63 7.94	-- --
272307082170201	VERNA PROD WELL 22	27 23 07	082 17 02	01	79-09-18	-30.33	--
272307082173701	VERNA PROD WELL 16	27 23 07	082 17 37	01	79-09-18	-5.27	--
272307082175301	VERNA PROD WELL 13	27 23 07	082 17 53	01	79-05-15 79-09-18	0.55 16.89	-- --
272307082180901	VERNA PROD WELL 10	27 23 07	082 18 09	01	79-05-15 79-09-18	-49.91 6.65	-- --
SUMTER							
283324082050601	83320501 22S22E23 WILSON IRR WELL AT WILSON CR	28 33 24	082 05 06	01	79-04-30	74.19	5.61
283433082020901	83420201 22S23E17 JC 50 MCELYEA	28 34 33	082 02 09	01	78-10-04 79-04-30 79-09-17	82.22 82.34 83.75	-- 7.66 6.25
283519081591601	83515901 22S23E11 JC 68 FLA ROCK IND NO 3	28 35 19	081 59 16	01	78-10-04 79-04-30 79-09-17	80.00 79.72 79.66	-- 19.48 19.54
283539082000301	83520001 25S23E10 JC 67 FLA ROCK IND NO 2	28 35 39	082 00 03	01	78-10-04 79-04-30 79-09-17	80.13 80.52 80.80	-- 13.48 13.20
283634082080501	83620803 22S22E05 JC 48 D H WILKERSON IRR	28 36 34	082 08 05	01	78-10-04	62.95	--
283634082080502	83620804 21S22E32 JC 48A D H WILKERSON HOUSE	28 36 34	082 08 05	02	78-10-04 78-11-07 79-01-04 79-09-17	62.95 62.03 61.56 64.59	-- -- -- 7.13
283637082081501	83620801 21S22E32 SCL RR USED 155	28 36 37	082 08 15	01	79-03-30 79-04-30 79-09-17	62.47 63.08 64.52	-- 9.23 7.79
283829082123701	83821202 21S21E21 JC 47 N R DOKE	28 38 29	082 12 37	01	78-11-07 79-01-04 79-03-16	43.32 42.49 45.05	-- -- --

MISCELLANEOUS WATER LEVEL MEASUREMENTS  
 OCTOBER 1978 TO SEPTEMBER 1979

STATION NUMBER	STATION NAME	LAT- I- TUDF	LONG- I- TUDF	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
SUMTER							
283829082123701	83821202 21S21E21 JC 47 N R DOKE	28 38 29	082 12 37	01	79-04-30 79-07-03 79-09-17	43.81 44.25 45.89	6.53 -- 4.45
283904082001601	83920001 21S23E22 JC 65 U S GEOL SURVEY	28 39 04	082 00 16	01	78-10-04 79-05-01 79-09-17	79.40 75.65 77.36	-- 8.35 6.64
283904082005301	83920002 21S23E21 JC 69 FLA CRUSHED STONE NO 4	28 39 04	082 00 53	01	79-04-30	62.27	32.00
283919082031901	83920301 21S22E13 JC 43 PARROT RANCH	28 39 19	082 03 19	01	78-10-04 79-04-30	75.00 74.60	-- 14.24
283952082022001	83920201 21S23E18 JC 42 PARROT RANCH	28 39 52	082 02 20	01	78-10-04 79-04-30 79-09-17	75.70 75.94 75.82	-- 13.56 12.68
283953082051401	83920501 21S22E14 JC 36	28 39 53	082 05 14	01	79-04-30 79-09-17	74.16 73.03	8.24 9.37
284002082064201	84020602 21S22E16 JC 53 BUSHNELL	28 40 02	082 06 42	01	78-10-04 78-10-04 78-11-07 79-04-30 79-07-03 79-09-11 79-09-17	68.54 68.54 65.43 66.24 64.11 67.83 67.83	-- 7.80 -- 10.10 -- -- 8.51
284017082033701	84020303 21S22E12 JC 38	28 40 17	082 03 37	01	78-10-04 79-05-01 79-09-17	75.76 75.48 75.24	-- 10.45 10.69
284021082032301	84020302 21S22E12 JC 37	28 40 21	082 03 23	01	78-10-04 79-05-01 79-09-17	75.30 74.91 74.71	-- 12.94 13.14
284100082055801	84120504 21S22E03 JC 29	28 41 00	082 05 58	01	78-10-03 79-04-30 79-09-19	67.14 65.82 64.75	-- 11.92 12.99
284101082060601	84120602 21S22E03 JC 28	28 41 01	082 06 06	01	79-04-30	64.22	9.72
284102082033401	84120303 21S22E01 JC 41 PARROT RANCH	28 41 02	082 03 34	01	78-10-03	75.57	--
284104082055801	84120505 21S22E03 JC 30	28 41 04	082 05 58	01	78-10-03 79-04-30	65.76 64.44	-- 10.90
284113082080701	84120802 21S22E05 JC 07 C H BEVILLE	28 41 13	082 08 07	01	78-10-02 79-04-30 79-09-18	57.47 56.24 56.64	-- 8.66 8.26
284115082062601	84120601 21S22E04 JC 27A	28 41 15	082 06 26	01	79-04-30	59.43	12.90
284119082034501	84120304 21S22E01 JC 44 PARROT RANCH	28 41 19	082 03 45	01	78-10-02 79-05-01 79-09-17	75.89 75.83 76.52	-- 8.57 7.88
284126082034501	84120305 21S22E01 JC 45 PARROT RANCH	28 41 26	082 03 45	01	78-10-03 79-05-01 79-09-17	75.77 75.92 76.59	-- 9.08 8.41
284127082033901	84120306 21S22E01 JC 46 PARROT RANCH	28 41 27	082 03 39	01	78-10-03 79-05-01 79-09-17	74.69 73.87 74.32	-- 11.58 11.13
284132082092801	84120901 21S21E01 JC 05 C H BEVILLE	28 41 32	082 09 28	01	78-10-02 79-04-30 79-09-18	48.49 47.60 48.27	-- 3.55 2.88
284139082082501	84120801 21S22E06 JC 06 C H BEVILLE	28 41 39	082 08 25	01	78-10-02 79-04-30 79-09-18	55.90 54.93 55.08	-- 5.42 5.27
284143082032901	84120301 21S22E01 JC 39 PARROT RANCH	28 41 43	082 03 29	01	78-10-03 79-05-01 79-09-17	74.63 74.15 74.42	-- 11.28 11.01
284143082050801	84120503 21S22E02 JC 23 C H BEVILLE	28 41 43	082 05 08	01	78-10-04 79-05-01	69.11 69.04	-- 7.56
284143082051401	84120502 21S22E02 JC 22 C H BEVILLE	28 41 43	082 05 14	01	78-10-04 79-05-01	68.28 68.29	-- 7.58
284146082045901	84120401 21S22E02 JC 24 C H BEVILLE	28 41 46	082 04 59	01	78-10-04 79-05-01	71.02 70.93	-- 8.74
284146082061401	84120604 21S22E03 JC 32	28 41 46	082 06 14	01	78-10-03 78-11-07 79-01-04 79-03-16 79-04-30 79-07-03	59.30 58.38 57.28 59.92 58.91 59.18	8.70 -- -- -- 9.19 --
284147082051301	84120507 21S22E02 JC 21 C H BEVILLE	28 41 47	082 05 13	01	79-05-01	67.90	8.77

MISCELLANEOUS WATER LEVEL MEASUREMENTS  
OCTOBER 1978 TO SEPTEMBER 1979

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STATION	NUMER	STATION	NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
SUMTER									
284147082052801		84120506	21S22E03 JC 34	28 41 47	082 05 28	01	78-10-03 79-05-01	65.98 65.86	-- 7.64
284148082064301		84120603	21S22E04 JC 33 C H BEVILLE	28 41 48	082 06 43	01	78-10-02 79-04-30 79-09-19	57.51 57.42 57.22	-- 6.58 6.78
284155082043901		84120402	20S22E35 JC 25 C H BEVILLE	28 41 55	082 04 39	01	78-10-04 79-05-01 79-09-18	73.26 73.29 74.83	-- 6.59 5.05
284155082051401		84120501	20S22E35 JC 17 C H BEVILLE	28 41 55	082 05 14	01	79-05-01 79-09-18	71.64 72.13	6.12 5.63
284158082043301		84120403	20S22E35 JC 26 C H BEVILLE	28 41 58	082 04 33	01	78-10-04	71.67	--
284158082045101		84120404	20S22E35 JC 64	28 41 58	082 04 51	01	78-10-03 79-05-01 79-09-18	70.29 69.94 69.95	-- 8.66 8.65
284159082081601		84120803	20S22E31 JC 62 U S GEOL SURVEY	28 41 59	082 08 16	01	78-10-02 79-04-30 79-09-17	53.36 52.86 53.07	-- 1.14 0.93
284208082051701		84220501	20S22E34 JC 18 C H BEVILLE	28 42 08	082 05 17	01	78-10-03 79-05-01	71.08 70.26	-- 8.17
284208082054601		84220502	20S22E34 JC 19 C H BEVILLE	28 42 08	082 05 46	01	78-10-03 79-05-01 79-09-18	68.21 67.36 68.61	-- 7.83 6.58
284209082060101		84220601	20S22E34 JC 20 C H BEVILLE	28 42 09	082 06 01	01	78-10-03 79-05-01 79-09-18	62.13 62.21 64.58	-- 9.80 7.43
284212082044301		84220403	20S22E35 JC 16 C H BEVILLE	28 42 12	082 04 43	01	78-10-03 79-05-01 79-09-18	73.03 72.92 73.43	-- 11.20 10.69
284212082071701		84220702	20S22E32 JC 63 U S GEOL SURVEY	28 42 12	082 07 17	01	78-10-02 79-04-30 79-09-18	55.28 55.37 55.35	-- 3.53 3.55
284215082092301		84220901	20S21E36 JC 61 U S GEOL SURVEY	28 42 15	082 09 23	01	78-10-02 79-04-30 79-09-18	46.33 45.95 46.49	-- 5.15 4.61
284237082044401		84220402	20S22E35 JC 13 C H BEVILLE	28 42 37	082 04 44	01	78-10-03 79-04-30 79-09-18	70.28 69.46 70.77	-- 10.54 9.23
284241082034201		84220301	20S22E36 JC 14 C H BEVILLE	28 42 41	082 03 42	01	78-10-03 79-05-01	75.37 75.10	-- 6.38
284242082054401		84220505	20S22E34 JC 09 C H BEVILLE	28 42 42	082 05 44	01	79-05-01 79-09-17	60.93 61.33	13.60 13.20
284249082053101		84220504	20S22E27 JC 10 C H BEVILLE	28 42 49	082 05 31	01	78-10-03	64.80	--
284252082045201		84220401	20S22E26 JC 12 C H BEVILLE	28 42 52	082 04 52	01	78-10-03 79-05-01	68.97 67.94	-- 11.28
284258082072101		84220701	20S22E29 JC 08 C H BEVILLE	28 42 58	082 07 21	01	78-10-02 79-04-30 79-09-18	54.30 54.24 54.41	-- 4.54 4.37
284259082052101		84220503	20S22E27 JC 11 C H BEVILLE	28 42 59	082 05 21	01	78-10-03 79-05-01 79-09-17	69.99 70.27 71.26	-- 7.40 6.41
284309082090401		84320901	20S22E30 JC 3 C H BEVILLE	28 43 09	082 09 04	01	78-10-02 79-04-30 79-09-18	46.85 46.80 46.97	-- 6.74 6.57
284311082081801		84320801	20S22E30 JC 01 C H BEVILLE	28 43 11	082 08 18	01	78-10-02 79-04-30 79-09-18	50.08 50.26 50.21	-- 5.18 5.23
284312081574701		84315701	20S23E25 HI ACRES EAST OF CENTER HILL	28 43 12	081 57 47	01	78-11-22 79-05-01	82.48 83.50	-- 12.15
284323082083601		84320802	20S22E30 JC 02 C H BEVILLE	28 43 23	082 08 36	01	79-04-30 79-09-18	47.97 48.01	5.91 5.87
284340082042701		84320401	20S22E23 JC 66 SANDPIT WELL	28 43 40	082 04 27	01	78-10-02 78-10-02 78-11-07 79-01-04 79-03-16 79-05-01 79-07-03 79-09-17	49.53 49.53 49.06 48.08 49.61 49.32 51.84 50.07	-- 26.73 -- -- -- 26.94 -- 26.19
284406082084001		84420801	20S22E19 JC 04 C H BEVILLE	28 44 06	082 08 40	01	78-10-02	46.41	--

MISCELLANEOUS WATER LEVEL MEASUREMENTS  
OCTOBER 1978 TO SEPTEMBER 1979

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)
SUMTER							
284406082084001	84420801 20S22E19 JC 04 C H BEVILLE	28 44 06	082 08 40	01	79-04-30 79-09-18	46.50 46.88	6.11 5.73
284430082063001	84420601 20S22E21 JC 72 GEO ALTMAN IRR	28 44 30	082 06 30	01	78-10-02 79-05-01	43.43 43.15	18.57 18.85
284449082053701	84420501 20S22E15 WOODWARD NO 1	28 44 49	082 05 37	01	78-10-02 79-09-19	42.24 41.60	22.76 22.40
284449082055201	84420502 20S22E15 WOODWARD RESIDENCE	28 44 49	082 05 52	01	79-05-01	41.98	23.02
284520082081301	84520802 20S22E17 JC 54	28 45 20	082 08 13	01	78-10-02 78-11-07 79-01-04 79-03-16 79-05-01	41.85 40.94 40.23 42.76 42.43	11.80 -- -- -- 11.22
					79-07-03	42.48	--
284521082014901	84520101 20S23E08 JC 55 DIXIE LIME	28 45 21	082 01 49	01	78-10-02 79-05-01 79-09-17	41.97 41.22 41.47	7.19 35.78 35.53
284548082073601	84520702 20S22E17 JC 70	28 45 48	082 07 36	01	79-05-01 79-09-19	39.86 42.47	13.14 10.53
284558082073601	84520701 20S22E08 WHITES ALUMINUM	28 45 58	082 07 36	01	78-10-02	39.83	13.77
284746082081001	84720803 19S22E31 CHANDLERS WELL AT LK PANASOF	28 47 46	082 08 10	01	79-05-01	39.91	5.48
285112082124001	85121201 19S21E09 JC 60 U S GEOL SURVEY	28 51 12	082 12 40	01	79-05-01 79-09-19	35.13 36.78	9.94 8.29
285150082044001	85120401 19S22E02 JC 58 U S GEOL SURVEY	28 51 50	082 04 40	01	78-11-07 79-01-04 79-03-16 79-05-01 79-07-03	46.85 46.35 47.34 46.77 47.87	-- -- -- 19.90 --
					79-09-19	47.37	19.30
285207082014501	85220101 19S23E05 JC 57 CITY OF WILDWOOD	28 52 07	082 01 45	01	78-11-09 79-05-01 79-09-18 79-09-19	48.82 48.39 49.08 49.26	33.24 34.61 32.98 33.74
285224082054201	85220501 18S22E34 HORNES WELL W OF WILDWOOD	28 52 24	082 05 42	01	78-11-07 78-12-07 79-01-04 79-03-16 79-05-01 79-07-03	46.30 45.92 45.71 46.60 46.08 46.18	-- -- -- -- 7.73 --

## GROUND WATER QUALITY RECORDS

## Temperature, Conductance and Chloride Data

Data in this section include the following parameters:

Temperature  
Specific Conductance  
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 1978 TO SEPTEMBER 1979  
TEMPERATURE, CONDUCTANCE  
AND CHLORIDE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
CHARLOTTE COUNTY									
270152082002801 - DEEP CR WELL NO 917 NR PT CHARLOTTE, FLA (LAT 27 01 52 LONG 082 00 28.01)									
OCT , 1978					APR , 1979				
03...	1800	1470	27.5	160	09...	1130	1460	26.0	160
NOV					JUN				
29...	0915	1505	26.5	170	06...	1240	1710	26.0	160
JAN , 1979					AUG				
31...	1245	1450	25.5	160	02...	1150	1430	26.0	180
270152082002802 - DEEP CR WELL NO 575 NR PT CHARLOTTE, FLA (LAT 27 01 52 LONG 082 00 28.02)									
OCT , 1978					APR , 1979				
03...	1805	1460	26.5	210	09...	1115	1420	28.0	180
NOV					JUN				
29...	0935	1560	26.0	220	06...	1245	1500	26.0	220
JAN , 1979					AUG				
31...	1235	1495	25.0	230	02...	1200	1450	26.0	225
270152082002803 - DEEP CR WELL NO 270 NR PT CHARLOTTE, FLA (LAT 27 01 52 LONG 082 00 28.03)									
OCT , 1978					APR , 1979				
03...	1810	1540	26.0	320	09...	1140	1600	27.0	320
NOV					JUN				
29...	0950	1660	26.5	310	06...	1255	1830	24.5	320
JAN , 1979					AUG				
31...	1230	1510	25.0	300	02...	1220	1530	25.0	324
CITRUS COUNTY									
284317082330601 - CHASSAHOVITZKA WELL 1 NR CHASSAHOVITZKA, FLA (LAT 28 43 17 LONG 082 33 06.01)									
NOV , 1978					MAY , 1979				
02...	1255	298	24.0	8.0	01...	1125	300	24.0	7.6
JAN , 1979					JUN				
09...	1650	277	24.0	7.0	27...	0955	304	23.5	7.6
FEB					SEP				
28...	0920	290	24.0	7.2	13...	1045	270	23.5	8.0
284532082371001 - HOMOSASSA WELL 1 NR HOMOSASSA, FLA (LAT 28 45 32 LONG 082 37 10.01)									
NOV , 1978					MAY , 1979				
01...	1550	8600	22.0	2500	02...	1850	8200	22.0	2500
JAN , 1979					JUN				
10...	1525	7750	22.0	2500	27...	1630	7700	22.0	2500
FEB					SEP				
28...	1535	7700	22.0	2500	04...	1820	8240	22.0	2500
284547082361201 - HOMOSASSA WELL 2 NR HOMOSASSA, FLA (LAT 28 45 47 LONG 082 36 12.01)									
NOV , 1978					MAY , 1979				
01...	1510	2300	22.0	570	02...	1820	2100	21.5	580
JAN , 1979					JUN				
10...	1605	1820	22.0	590	27...	1600	1950	21.5	590
FEB					SEP				
28...	1500	1810	22.0	590	04...	1750	2100	22.0	580



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TEMPERATURE, CONDUCTANCE  
AND CHLORIDE DATA

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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CITRUS COUNTY

284551082345301 - HOMOSASSA WELL 3 NR HOMOSASSA, FLA (LAT 28 45 51 LONG 082 34 53.01)

NOV , 1978					MAY , 1979				
02... 1415	849	23.5	170		02... 1740	655	23.0	120	
JAN , 1979					JUN				
10... 1655	790	23.5	160		26... 1710	810	23.0	160	
FEB					SEP				
27... 1725	765	23.5	140		04... 1700	802	24.0	150	

284803082351701 - NORRIS WELL AT HOMOSASSA SPRINGS, FL. (LAT 28 48 03 LONG 082 35 17.01)

NOV , 1978					MAY , 1979				
01... 1410	465	23.5	63		02... 1500	630	23.0	90	
JAN , 1979					JUN				
10... 1430	552	20.0	89		27... 1525	605	23.0	110	
FEB					SEP				
28... 1410	565	22.0	87		13... 1145	618	24.0	110	

284952082400302 - OZELLO WELL 1A NR CRYSTAL RIVER, FLA (LAT 28 49 52 LONG 082 40 03.02)

NOV , 1978					MAY , 1979				
01... 1810	21000	24.0	7500		02... 1640	17000	24.5	7200	
JAN , 1979					JUN				
09... 1555	20100	21.5	7800		26... 1550	21700	24.5	7600	
FEB					SEP				
27... 1625	20300	21.5	7900		10... 1710	21100	26.5	7600	

285010082384001 - OZELLO WELL 2 NR CRYSTAL RIVER, FLA (LAT 28 50 10 LONG 082 38 40.01)

NOV , 1978					MAY , 1979				
01... 1735	26800	24.0	9700		02... 1610	25500	23.5	9200	
JAN , 1979					JUN				
09... 1520	24500	24.0	9500		26... 1525	24600	24.0	9200	
FEB					SEP				
27... 1600	23200	20.5	9400		10... 1620	24000	25.5	9600	

285020082365301 - OZELLO WELL 3 NR CRYSTAL RIVER, FLA (LAT 28 50 20 LONG 082 36 53.01)

NOV , 1978					MAY , 1979				
01... 1710	9700	22.0	3200		02... 1550	10400	22.5	3200	
JAN , 1979					JUN				
09... 1455	9400	22.5	3200		26... 1500	10200	22.0	3300	
FEB					SEP				
27... 1535	9300	22.0	3100		10... 1540	10300	22.5	3300	

285102082204001 - 85122001 19520E07 851220343 INVERNESS (LAT 28 51 02 LONG 082 20 40.01)

JAN , 1979				
25... 1600	378	24.0	11	

285102082361001 - OZELLO WELL 4 NR CRYSTAL RIVER, FLA (LAT 28 51 02 LONG 082 36 10.01)

NOV , 1978					MAY , 1979				
01... 1645	1350	23.0	310		02... 1540	1560	23.0	310	
JAN , 1979					JUN				
09... 1430	1380	22.5	330		26... 1435	1650	23.5	380	
FEB					SEP				
27... 1510	1400	22.0	360		10... 1515	1560	23.0	360	

285112082354401 - ROMP DEEP WELL TR21-2 NEAR HOMOSASSA SGS, FL (LAT 28 51 12 LONG 082 35 44.01)

JUL , 1979					SEP , 1979				
19... 0835	905	25.0	220		12... 1140	930	26.0	220	

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TEMPERATURE, CONDUCTANCE  
AND CHLORIDE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
CITRUS COUNTY									
285234082341901 - ROMP DEEP WELL 21-3 NEAR CRYSTAL RIVER, FL (LAT 28 52 34 LONG 082 34 19.01)									
JUL , 1979					SEP , 1979				
19...	0925	2450	25.0	76	12...	1045	329	25.0	52
285248082351801 - PLANTATION HOTEL D. WELL AT CRYSTAL RIVER, FL (LAT 28 52 48 LONG 082 35 18.01)									
OCT , 1978					MAY , 1979				
31...	1630	225	24.5	14	01...	1445	240	24.5	7.4
JAN , 1979					JUN				
09...	1355	225	22.0	6.4	26...	1400	230	24.5	9.1
FEB					SEP				
27...	1445	230	23.0	6.0	07...	1325	239	25.0	7.5
285350082162802 - 85321602 18S20E26 DONALD FELS (LAT 28 53 50 LONG 082 16 28.02)									
OCT , 1978									
18...	1535	570	22.5	13					
285421082361601 - CRYSTAL RIVER S. WELL NR CRYSTAL RIVER, FL (LAT 28 54 21 LONG 082 36 16.01)									
NOV , 1978					MAY , 1979				
01...	1200	930	23.5	160	01...	1840	925	21.0	110
JAN , 1979					JUN				
10...	1235	875	23.0	130	27...	1330	815	21.0	110
FEB					SEP				
28...	1230	830	22.0	100	07...	1035	780	24.0	93
285421082361602 - CRYSTAL RIVER D. WELL NR CRYSTAL RIVER, FL (LAT 28 54 21 LONG 082 36 16.02)									
NOV , 1978					MAY , 1979				
01...	1220	9400	23.0	2800	01...	1750	9700	22.5	3000
JAN , 1979					JUN				
10...	1250	7900	22.5	2600	27...	1345	7830	22.0	2400
FEB					SEP				
28...	1240	7950	22.5	2600	07...	1100	4100	23.0	1100
285654082350101 - 85623501 18S17E03 GERRITS WELL NR CITRONELLE (LAT 28 56 54 LONG 082 35 01.01)									
FEB , 1979									
01...	1220	280	23.8	4.9					
285720082201301 - 85722001 18S20E32 ROMP WELL-TSALA APOPKA DAM (LAT 28 57 20 LONG 082 20 13.01)									
JAN , 1979									
31...	1045	380	23.3	8.2					
285737082400601 - FPC WELL 3 NR CRYSTAL RIVER, FL (LAT 28 57 37 LONG 082 40 06.01)									
NOV , 1978					MAY , 1979				
01...	1030	460	22.0	15	01...	1625	470	21.5	18
JAN , 1979					JUN				
10...	1125	455	22.0	16	27...	1210	466	21.5	16
FEB					SEP				
28...	1125	470	22.0	16	07...	0950	461	22.0	16
285737082413001 - FPC WELL 2 NR CRYSTAL RIVER, FL (LAT 28 57 37 LONG 082 41 30.01)									
NOV , 1978					MAY , 1979				
01...	1100	5220	22.0	1400	01...	1705	4250	21.5	1100
JAN , 1979					JUN				
10...	1155	4280	21.5	1300	27...	1245	3450	21.0	990
FEB					SEP				
28...	1155	3700	21.5	1100	10...	1335	3970	22.5	1000

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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CITRUS COUNTY

285930082283701 - 85922801 17S18F22 CITRUS SPRINGS GC MAIN (LAT 28 59 30 LONG 082 28 37.01)

OCT , 1978  
19... 1615 238 23.5 4.0

290010082321601 - 90023201 17S17E13 G P DOLAN (LAT 29 00 10 LONG 082 32 16.01)

OCT , 1978  
19... 1515 214 25.0 3.7

290027082370701 - 90023701 17S17E07 SCE 177 P D NICHOLS (LAT 29 00 27 LONG 082 37 07.01)

OCT , 1978  
19... 1215 402 23.0 12

290041082265101 - 90022601 17S18E12 SECTION 12 MINE WELL (LAT 29 00 41 LONG 082 26 51.01)

JAN , 1979  
25... 1110 3100 23.0 35

290115082401001 - 90124002 17S16E03 SCE 179 HAVEN MOTEL (LAT 29 01 15 LONG 082 40 10.01)

OCT , 1978  
19... 1330 520 23.0 16

290117082404501 - 90124007 17S16E11 JOHN E COCKE (LAT 29 01 17 LONG 082 40 45.01)

OCT , 1978  
19... 1420 469 24.0 4.3

290152082312201 - 90123101 17S18E06 GLENN A BLAND (LAT 29 01 52 LONG 082 31 22.01)

OCT , 1978  
19... 1115 130 24.5 3.3

290159082285102 - 90122802 17S18E03 REUMAN NEW WELL (LAT 29 01 59 LONG 082 28 51.02)

OCT , 1978  
19... 1015 198 2.4 3.9

290216082292001 - 90222901 16S18E33 CE 77 U S GEOL SURVEY (LAT 29 02 16 LONG 082 29 20.01)

MAY , 1979  
03... 1100 187 24.5 3.6

DE SOTO COUNTY

270726081542701 - ROBERT NORRIS DP WELL #1 NR NOCATEE (LAT 27 07 26 LONG 081 54 27.01)

APR , 1979  
25... 1430 728 29.0 78

271230081404009 - DESOTO CORRECTIONAL INST TREATED NR ARCADIA, FLA (LAT 27 12 30 LONG 081 40 40.09)

FEB , 1979  
01... 1015 570 17.0 87

271746081394401 - TRG WELL N0. 06 NR ARCADIA, FLA. (LAT 27 17 46 LONG 081 39 44.01)

APR , 1979  
25... 1200 720 26.0 20

HARDEE COUNTY

272714081545901 - ROMP 31 AVON PARK WELL NR ONA, FLA. (LAT 27 27 14 LONG 081 54 59.01)

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
NOV , 1978					APR , 1979				
21...	1315	700	25.5	14	13...	1005	612	28.0	23
JAN , 1979					MAY				
17...	1320	620	27.0	18	23...	1425	640	24.5	35
MAR					JUL				
20...	1300	560	27.5	13	17...	1340	560	28.0	17

GROUND WATER QUALITY RECORDS  
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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
HARDEE COUNTY									
272714081545902 - ROMP 31 HAWTHORN WELL NR ONA, FLA. (LAT 27 27 14 LONG 081 54 59.02)									
NOV , 1978					MAY , 1979				
21...	1345	940	25.0	110	23...	1448	1210	26.0	120
JAN , 1979					JUL				
17...	1410	1060	26.0	120	17...	1525	1010	26.0	120
MAR					SEP				
20...	1600	1040	28.0	120	13...	1045	1120	27.5	120
HERNANDO COUNTY									
282605082345801 - ROMP WELL 97 NEAR SPRING HILL, FL (LAT 28 26 05 LONG 082 34 58.01)									
JUL , 1979					SEP , 1979				
19...	1200	540	25.5	5.0	12...	1435	290	25.5	5.8
282742082375901 - ROMP DEEP WELL 18-1 NR ARIPEKA, FL. (LAT 28 27 42 LONG 082 37 59.01)									
MAY , 1979					SEP , 1979				
22...	1116	225	25.0	8.6	12...	1320	232	25.5	6.8
JUL									
19...	1055	202	26.0	5.0					
283203082370201 - PRES YOUTH CAMP WELL NR WEEKIWACHEE, FLA (LAT 28 32 03 LONG 082 37 02.01)									
NOV , 1978					MAY , 1979				
03...	1240	2580	23.5	670	04...	1500	2700	23.0	690
JAN , 1979					JUN				
12...	1110	2420	23.0	660	29...	1510	2650	23.0	700
MAR					SEP				
02...	1535	2450	23.5	660	05...	1355	2660	23.5	740
283243082365701 - WHITEHURST RM WELL NR BAYPORT, FLA (LAT 28 32 43 LONG 082 36 57.01)									
NOV , 1978					MAY , 1979				
03...	0940	6000	23.0	1800	04...	1355	7600	23.0	2200
JAN , 1979					JUN				
12...	1000	3350	23.0	890	29...	1405	6030	23.0	2300
MAR					SEP				
02...	1425	6300	23.0	2000	12...	1420	1810	22.0	400
283527082365701 - WEEKI WELL 2 NR WEEKIWACHEE, FLA (LAT 28 35 27 LONG 082 36 57.01)									
MAY , 1979					SEP , 1979				
17...	1555	500	22.0	53	21...	1149	500	22.0	50
283529082355801 - WEEKI WELL 3 NR WEEKIWACHEE, FLA (LAT 28 35 29 LONG 082 35 58.01)									
MAY , 1979					SEP , 1979				
17...	1515	345	24.0	54	21...	1120	484	23.0	53
283537082151501 - 83521501 22S20E12 ROMP 103 NR BROOKSVILLE (LAT 28 35 37 LONG 082 15 15.01)									
JAN , 1979									
28...	1230	182	23.0	4.9					
283555082352901 - WEEKI WELL 1 NR WEEKIWACHEE, FLA (LAT 28 35 55 LONG 082 35 29.01)									
MAY , 1979									
17...	1625	175	24.0	180					
283555082372901 - WEEKI WELL 1 NR WEEKIWACHEE, FLA (LAT 28 35 55 LONG 082 37 29.01)									
MAY , 1979					SEP , 1979				
17...	1625	175	24.0	180	21...	1217	2140	29.5	200

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HARDEE COUNTY

273845082314001 - SW HILLS CO 5 NR RUSKIN (LAT 27 38 45 LONG 082 31 40.01)

MAY , 1979  
21... 1320 1100 30.0 120

274030082285201 - SW HILLS CO 18 NR RUSKIN (LAT 27 40 30 LONG 082 28 52.01)

MAY , 1979  
21... 1420 770 30.0 17

274114082303701 - CLAPROD WELL NR RUSKIN, FLA (LAT 27 41 14 LONG 082 30 37.01)

NOV , 1978					MAY , 1979				
07...	0934	1130	26.5	38	02...	1455	1130	23.5	36
JAN , 1979					JUN				
10...	1210	1185	21.5	36	27...	1330	1130	26.5	34
MAR									
15...	1315	1108	27.5	38					

274221082282401 - SW HILLS CO 54 NR RUSKIN (LAT 27 42 21 LONG 082 28 24.01)

MAY , 1979  
21... 1445 1200 30.5 28

274252082232401 - RUSKIN #10(SW HILLS CO 67) NR RUSKIN (LAT 27 42 52 LONG 082 23 24.01)

MAY , 1979  
21... 1605 810 29.5 18

274322082202001 - SUN CITY #5(SW HILLS CO 79) NR WIMAUMA (LAT 27 43 22 LONG 082 20 26.01)

MAY , 1979  
21... 1540 565 29.5 12

274406082240701 - SW HILLS CO 90 AT RUSKIN (LAT 27 44 06 LONG 082 24 07.01)

MAY , 1979  
22... 0945 680 26.5 21

274423082142201 - BOBBY THOMAS DP WELL NR BALM (LAT 27 44 23 LONG 082 14 22.01)

APR , 1979  
30... 1420 471 27.0 17

274428082251501 - ROMP TRANSECT SHALLOW WELL 9-3 NEAR RUSKIN, FL. (LAT 27 44 28 LONG 082 25 15.01)

NOV , 1978					APR , 1979				
06...	1430	760	23.5	31	30...	1545	710	22.5	32
JAN , 1979					JUN				
08...	1445	735	18.0	31	25...	1425	718	25.5	33
MAR					AUG				
15...	1100	725	23.0	32	28...	0900	720	24.5	34

274543082234001 - SW HILLS CO WELL 118 NR RUSKIN (LAT 27 45 43 LONG 082 23 40.01)

MAY , 1979  
21... 1650 920 29.0 26

274640082231001 - PAUL ELLSBERRY DP WELL NR GIBSONTON (LAT 27 46 40 LONG 082 23 10.01)

APR , 1979  
30... 1045 721 29.0 24

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HILLSBOROUGH COUNTY

274837082232901 - KUSHNER WELL AT ADAMSVILLE, FLA (LAT 27 48 37 LONG 082 23 29.01)

OCT , 1978					APR , 1979				
10...	1300	1780	22.0	120	06...	0955	1390	24.5	110
NOV					30...	1350	1460	22.0	120
06...	1624	1350	23.5	72	MAY				
30...	1345	1210	24.0	66	31...	1005	1290	24.5	72
JAN , 1979					JUN				
08...	1350	1525	21.5	100	25...	1540	1140	24.0	64
FEB					JUL				
07...	1145	1400	24.0	110	25...	1510	1490	24.0	94
MAR					AUG				
15...	0905	1530	22.5	120	27...	1545	1400	24.0	90

274904082194701 - RIVERVIEW #6(SW HILLS CO 207) NR RIVERVIEW (LAT 27 49 04 LONG 082 19 47.01)

MAY , 1979				
22...	1310	695	29.5	18

274915082190402 - SW HILLS CO 213 NR RIVERVIEW (LAT 27 49 15 LONG 082 19 04.02)

MAY , 1979				
22...	1400	--	30.5	16

274959082210801 - SW HILLS CO 229 NR RIVERVIEW (LAT 27 49 59 LONG 082 21 08.01)

MAY , 1979				
22...	1430	380	30.5	8.5

275210082171001 - MCMULLEN CAMPGROUND SO E RIVERVIEW FLA (LAT 27 52 10 LONG 082 17 10.01)

NOV , 1978					MAY , 1979				
06...	0930	438	25.5	15	22...	1510	425	31.0	15
JAN , 1979					JUN				
08...	0910	450	22.0	15	25...	0940	495	28.5	21
MAR									
13...	0935	419	26.0	15					

275223082195001 - E. BRADBURN AT RIVERVIEW (LAT 27 52 23 LONG 082 19 50.01)

MAY , 1979				
22...	1555	440	28.0	42

275326082235101 - HUCO INC NR RIVERVIEW (LAT 27 53 26 LONG 082 23 51.01)

MAY , 1979				
23...	0830	3350	26.0	940

275346082172201 - ALDERMAN D. WELL NEAR BRANDON, FL (LAT 27 53 46 LONG 082 17 22.01)

OCT , 1978				
18...	1100	470	24.5	30

275351082172001 - EASTERLING D. WELL NEAR BRANDON, FL (LAT 27 53 51 LONG 082 17 20.01)

OCT , 1978				
18...	1000	415	24.5	21

275402082222702 - ROMP TR 10-2 SHALLOW WELL NEAR TAMPA, FL (LAT 27 54 02 LONG 082 22 27.02)

JUL , 1979					AUG , 1979				
10...	1245	1190	27.0	30	07...	1000	1160	--	27

275404082095301 - CARL CARPENTER DP WELL AT PLEASANT GROVE, FLA. (LAT 27 54 04 LONG 082 09 53.01)

APR , 1979				
30...	1620	437	32.0	17



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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
HILLSBOROUGH COUNTY									
275417082190901 - PURITY DAIRY 2 NR RIVERVIEW (LAT 27 54 17 LONG 082 19 09.01)									
MAY , 1979									
22...	1625	400	29.0	43					
275423082220801 - TOWER DAIRY 2 NR RIVERVIEW (LAT 27 54 23 LONG 082 22 08.01)									
MAY , 1979									
23...	1040	1160	26.0	230					
275427082221001 - TOWER DAIRY 1 NR RIVERVIEW (LAT 27 54 27 LONG 082 22 10.01)									
MAY , 1979									
23...	1025	682	26.0	74					
275443082224001 - JAMES BYRD NR RIVERVIEW (LAT 27 54 43 LONG 082 22 40.01)									
MAY , 1979									
23...	1120	805	27.0	68					
275509082240501 - FLA PETROL TANK SERVICE NR RIVERVIEW (LAT 27 55 09 LONG 082 24 05.01)									
MAY , 1979									
23...	1200	1360	27.0	220					
275528082233701 - KELLY NR RIVERVIEW (LAT 27 55 28 LONG 082 23 37.01)									
MAY , 1979									
23...	1215	--	29.0	57					
275547082211701 - JOE SUAREZ 2 NR RIVERVIEW (LAT 27 55 47 LONG 082 21 17.01)									
MAY , 1979									
23...	1515	--	30.0	77					
275611082211101 - SEABOARD UTILITIES #7 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 11.01)									
MAY , 1979									
23...	0950	605	25.0	74					
275611082211701 - SEABOARD UTILITIES #8 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 17.01)									
MAY , 1979									
23...	1000	860	25.0	140					
275611082213801 - SEABOARD UTILITIES #2 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 38.01)									
MAY , 1979									
23...	0935	800	25.0	140					
275615082230601 - PALM RIVER WELL 14 AT TAMPA,FLA (WQ-02) (LAT 27 56 15 LONG 082 23 06.01)									
MAY , 1979					SEP , 1979				
14...	1305	302	23.0	19	19...	1000	295	27.0	20
275620082242001 - PALM RIVER WELL 12 AT TAMPA,FLA (LAT 27 56 20 LONG 082 24 20.01)									
MAY , 1979					SEP , 1979				
14...	1448	2340	23.0	560	19...	1105	2320	26.0	550
275623082194201 - CAREY CATTLE SALES NR VALRICO (LAT 27 56 23 LONG 082 19 42.01)									
MAY , 1979									
23...	1405	333	28.5	14					

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
HILLSBOROUGH COUNTY									
275629082234001 - PALM RIVER WELL 5 AT TAMPA,FLA (WQ-04) (LAT 27 56 29 LONG 082 23 40.01)									
MAY , 1979					SEP , 1979				
14...	1405	610	25.0	56	19...	1030	585	27.5	42
275629082242201 - PALM RIVER WELL 13 AT TAMPA,FLA (LAT 27 56 29 LONG 082 24 22.01)									
MAY , 1979					SEP , 1979				
14...	1435	3040	22.5	800	19...	1050	2970	26.5	720
275641082230501 - PALM RIVER WELL 19 AT TAMPA,FLA (LAT 27 56 41 LONG 082 23 05.01)									
MAY , 1979									
14...	1500	--	24.0	950					
275642082224201 - PALM RIVER WELL 18 AT TAMPA,FLA (WQ-07) (LAT 27 56 42 LONG 082 22 42.01)									
MAY , 1979					SEP , 1979				
14...	1545	1540	23.5	340	19...	0940	1440	26.0	290
275647082232201 - PALM RIVER WELL 6 AT TAMPA,FLA (LAT 27 56 47 LONG 082 23 22.01)									
MAY , 1979					SEP , 1979				
14...	1530	2090	24.0	480	19...	1015	2090	27.5	460
275653082231101 - USCE WELL TBC-15 AT TAMPA,FLA (LAT 27 56 53 LONG 082 23 11.01)									
MAY , 1979					SEP , 1979				
14...	1255	3820	24.0	1000	19...	1130	3820	25.5	1000
275657082201001 - GADD CONCRETE NR VALRICO (LAT 27 56 57 LONG 082 20 10.01)									
MAY , 1979									
23...	1340	410	29.0	16					
275701082230301 - USCE WELL TBC-11 AT TAMPA,FLA (LAT 27 57 01 LONG 082 23 03.01)									
MAY , 1979					SEP , 1979				
14...	1015	485	23.0	51	20...	1325	575	25.0	53
275701082230302 - USCE WELL TBC-12 AT TAMPA, FLA (LAT 27 57 01 LONG 082 23 03.02)									
MAY , 1979					SEP , 1979				
16...	1107	3240	25.0	710	20...	1323	630	27.0	36
275701082230303 - USCE WELL TBC-13 AT TAMPA, FLA (LAT 27 57 01 LONG 082 23 03.03)									
MAY , 1979									
14...	1013	820	23.0	130					
275701082230304 - USCE WELL TBC-16 AT TAMPA, FLA (LAT 27 57 01 LONG 082 23 03.04)									
MAY , 1979					SEP , 1979				
14...	1017	1980	--	450	20...	1330	2160	24.0	440
275724082161101 - BRANDON 6 CAMELOT (LAT 27 57 24 LONG 082 16 11.01)									
AUG , 1979									
07...	1330	241	--	8.6					

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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HILLSBOROUGH COUNTY

275724082221001 - STRUCTURE 160 WELL NEAR TAMPA, FL. (LAT 27 57 24 LONG 082 22 10.01)

DEC , 1978					APR , 1979				
18...	0845	720	--	86	13...	1110	760	20.5	85
JAN , 1979					MAY				
29...	1045	740	23.0	81	14...	1624	740	23.0	92
FEB					SEP				
26...	1000	750	21.0	83	17...	1110	760	25.5	86

275725082221101 - USCE WELL TBC-17 AT TAMPA, FLA (LAT 27 57 25 LONG 082 22 11.01)

MAY , 1979					SEP , 1979				
14...	1630	725	24.0	87	17...	1130	720	25.0	86

275817082325001 - ROMP DEEP WELL 64 NR TAMPA, FLA (LAT 27 58 17 LONG 082 32 50.01)

OCT , 1978					MAY , 1979				
13...	1400	3500	25.5	890	01...	1455	3600	24.0	880
NOV					JUN				
09...	1330	3350	25.0	880	01...	1530	3680	25.0	910
DEC					JUL				
01...	1347	3370	24.5	900	03...	1315	3310	24.5	900
29...	1115	3490	24.0	890	27...	1525	2880	24.5	910
FEB , 1979					AUG				
08...	1450	3290	24.0	980	30...	1030	3350	24.0	900
27...	1505	3190	24.5	900					
APR									
05...	1515	3500	24.5	880					

275856082210301 - USCE TEST WELL 2S-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03.01)

MAY , 1979				
16...	1220	240	22.5	9.2

275858082215201 - USCE WELL TBC-14 NR TAMPA, FLA (LAT 27 58 58 LONG 082 21 52.01)

MAY , 1979				
16...	1140	380	24.0	14

275942082331701 - MARCO PENN NR TAMPA (LAT 27 59 42 LONG 082 33 17.01)

SEP , 1979				
17...	1525	819	26.0	120

280012082204901 - USCE WELL TBC-05 NR TEMPLE TERRACE, FLA (LAT 28 00 12 LONG 082 20 49.01)

MAY , 1979				
16...	1700	370	23.0	9.8

280019082335701 - TRUJILLO WELL NR TAMPA (LAT 28 00 19 LONG 082 33 57.01)

SEP , 1979				
17...	1455	1500	25.5	300

280025082335401 - JIM MCCORMIC WELL NR TAMPA (LAT 28 00 25 LONG 082 33 54.01)

JUL , 1979					SEP , 1979				
20...	1240	1440	24.5	220	17...	1510	840	27.0	90

280027082354701 - SWEENEY WELL NR TAMPA (LAT 28 00 27 LONG 082 35 47.01)

MAY , 1979				
18...	1120	955	--	170

GROUND WATER QUALITY RECORDS  
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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
HILLSBOROUGH COUNTY									
280028082173901 - NE 4 (LAT 28 00 28 LONG 082 17 39.01)									
FEB , 1979					JUN , 1979				
02...	1330	150	18.0	5.0	15...	1300	160	26.0	5.1
280029082355801 - CHANNEL A D. WELL 22 NR TAMPA, FL (LAT 28 00 29 LONG 082 35 58.01)									
MAY , 1979					SEP , 1979				
19...	1055	868	23.0	150	17...	1205	870	24.5	140
280029082355802 - CHANNEL A S. WELL 23 NR TAMPA, FL (LAT 28 00 29 LONG 082 35 58.02)									
MAY , 1979					SEP , 1979				
18...	1100	495	22.0	88	17...	1215	472	25.0	86
280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE, FL. (LAT 28 00 30 LONG 082 19 08.01)									
MAY , 1979									
16...	1630	308	23.0	8.3					
280034082172801 - NE 21 (LAT 28 00 34 LONG 082 17 28.01)									
FEB , 1979									
02...	1130	425	14.1	11					
280034082172802 - NORTHEAST 21A (LAT 28 00 34 LONG 082 17 28.02)									
FEB , 1979									
02...	1130	350	15.5	12					
280034082173001 - NORTHEAST LF 23 (LAT 28 00 34 LONG 082 17 30.01)									
FEB , 1979									
02...	1200	380	15.0	10					
280034082362401 - CHANNEL A D. WELL 38 NR TAMPA, FL (LAT 28 00 34 LONG 082 36 24.01)									
MAY , 1979					SEP , 1979				
17...	1225	1090	22.5	200	17...	1245	1700	24.0	440
280038082204201 - EVRGDLS AQTC NRSRY WELL ES-55(#608)NR TT (WQ-10) (LAT 28 00 38 LONG 082 20 42.01)									
MAY , 1979									
16...	1745	380	22.0	9.9					
280038082362801 - CHANNEL A D. WELL 24 NR TAMPA, FL (LAT 28 00 38 LONG 082 36 28.01)									
MAY , 1979					SEP , 1979				
18...	1005	2400	25.0	600	17...	1040	2320	25.0	600
280038082362802 - CHANNEL A S. WELL 25 NR TAMPA, FL (LAT 28 00 38 LONG 082 36 28.02)									
MAY , 1979					SEP , 1979				
18...	1000	3000	22.5	720	17...	1045	2960	25.5	800
280043082173001 - NE 20 (LAT 28 00 43 LONG 082 17 30.01)									
FEB , 1979									
02...	1230	330	17.0	18					

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHL0- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHL0- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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HILLSBOROUGH COUNTY

280047082362601 - CHANNEL A D. WELL 26 NR TAMPA, FL (LAT 28 00 47 LONG 082 36 26.01)

MAY , 1979	SEP , 1979
04... 1245 1390 24.0 265	17... 1130 1260 25.0 280
11... 0955 1222 23.5 265	
18... 1030 1280 23.0 260	

280053082341801 - BRACKETT NR TAMPA (LAT 28 00 53 LONG 082 34 18.01)

MAR , 1979	AUG , 1979
09... 1230 565 18.0 36	09... 0915 523 26.5 53
MAY 25... 1035 570 24.0 53	

280053082350201 - SHELTON RD SHALLOW WELL NR CITRUS PARK, FLA (LAT 28 00 53 LONG 082 35 02.01)

OCT , 1978  
04... 0800 1120 24.0 300

280053082350202 - SHELTON RD D. WELL NR CITRUS PARK, FLA (LAT 28 00 53 LONG 082 35 02.02)

OCT , 1978	APR , 1979
04... 0830 4000 26.0 2200	05... 1345 7900 26.0 2200
NOV 27... 1445 4020 26.0 2200	MAY 31... 0920 7200 26.0 2200
FEB , 1979	JUL 23... 0815 7500 25.5 2230
06... 1000 6000 25.5 2200	

280055082222701 - USCE WELL TBC-09 AT TEMPLE TERRACE, FLA (LAT 28 00 55 LONG 082 22 27.01)

MAY , 1979  
16... 1345 426 23.0 22

280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)

NOV , 1978  
09... 0845 420 23.0 8.3

280056082362701 - CHANNEL A BM DEEP WELL NEAR TAMPA, FL. (LAT 28 00 56 LONG 082 36 27.01)

OCT , 1978	APR , 1979
04... 0905 1320 24.0 320	05... 1304 1500 25.0 330
NOV 27... 0825 1300 24.0 310	MAY 04... 0815 1440 23.5 316
FEB , 1979	11... 1320 1440 24.0 306
06... 1140 1440 24.5 300	18... 0940 1480 23.0 290

280057082340001 - FERNANDEZ NR TAMPA (LAT 28 00 57 LONG 082 34 00.01)

DEC , 1978	AUG , 1979
08... 1315 450 -- 25	09... 1005 442 -- 26
MAY , 1979	
25... 1015 465 -- 25	

280058082362303 - CHANNEL A D. WELL 02 NR TAMPA, FL (LAT 28 00 58 LONG 082 36 23.03)

MAY , 1979	SEP , 1979
04... 0900 760 23.5 119	17... 0925 410 25.0 62
11... 1235 660 23.5 109	
18... 0915 775 21.5 130	

280058082362401 - CHANNEL A D. WELL 36 NR TAMPA, FL (LAT 28 00 58 LONG 082 36 24.01)

MAY , 1979	SEP , 1979
04... 0906 40 23.5 1.0	17... 0905 642 24.5 31
11... 1245 110 23.5 13	
18... 0845 1350 23.0 280	

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
HILLSBOROUGH COUNTY									
280058082362402 - CHANNEL A S. WELL 37 NR TAMPA, FL (LAT 28 00 58 LONG 082 36 24.02)									
MAY , 1979					SEP , 1979				
04...	1330	770	29.0	10	17...	0915	343	24.5	4.8
11...	1300	880	25.0	8.2					
18...	0905	790	23.5	11					
280059082323201 - BOTTS WELL NR TAMPA (LAT 28 00 59 LONG 082 32 32.01)									
MAY , 1979					SEP , 1979				
18...	1300	413	22.5	11	17...	1540	390	24.5	11
280103082210901 - USCE WELL TBC-06 NR TEMPLE TERRACE, FLA (LAT 28 01 03 LONG 082 21 09.01)									
MAY , 1979									
16...	1300	400	22.5	17					
280107082173001 - NORTHEAST 22 (LAT 28 01 07 LONG 082 17 30.01)									
FEB , 1979									
02...	1200	325	17.0	12					
280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)									
NOV , 1978					JUN , 1979				
08...	0845	365	23.5	19	14...	1300	390	25.2	10
280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)									
NOV , 1978					JUN , 1979				
08...	0920	351	24.5	12	14...	1330	390	25.5	11
280112082270101 - TOURIST CLUB WELL AT SULPHUR SPRINGS, FLA (LAT 28 01 12 LONG 082 27 01.01)									
OCT , 1978					JUN , 1979				
10...	1310	12350	24.5	3800	07...	0910	--	--	4000
MAR , 1979					JUL				
12...	1325	12200	25.5	3900	30...	1408	13500	28.0	4300
APR									
10...	1240	11600	25.0	3700					
280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)									
NOV , 1978					JUN , 1979				
09...	1015	302	23.0	6.2	14...	1400	275	24.0	6.5
280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)									
NOV , 1978					JUN , 1979				
09...	0945	1760	23.0	250	14...	1430	2200	24.0	170
280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)									
NOV , 1978					JUN , 1979				
08...	1010	318	25.0	8.8	14...	1350	375	25.0	8.7
280116082205301 - USCE TEST WELL 2W-ES NR TEMPLE TERRACE (WQ-05) (LAT 28 01 16 LONG 082 20 53.01)									
MAY , 1979									
16...	1530	370	23.0	9.4					



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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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280116082340701 - ERNEST KITCHEN NR TAMPA (LAT 28 01 16 LONG 082 34 07.01)

DEC , 1978					MAY , 1979				
08...	1305	510	--	38	25...	1000	515	--	39
MAR , 1979					AUG				
09...	1300	545	--	37	09...	1045	488	--	40

280117082193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)

NOV , 1978				
08...	0945	324	24.0	10

280118082340801 - A. PULEO NR TAMPA (LAT 28 01 18 LONG 082 34 08.01)

DEC , 1978					MAY , 1979				
08...	1300	665	25.0	75	25...	0945	715	24.0	91
MAR , 1979					AUG				
09...	1250	728	25.0	70	09...	1025	655	24.5	88

280128082352801 - CHANNEL A D. WELL 07 NR TAMPA, FL (LAT 28 01 28 LONG 082 35 28.01)

MAY , 1979					SEP , 1979				
04...	0955	2600	22.0	510	17...	1000	2150	25.0	430
11...	1200	2650	22.0	541					
18...	0830	2690	21.0	550					

280129082341801 - HUGH HILL NR TAMPA (LAT 28 01 29 LONG 082 34 18.01)

DEC , 1978					MAY , 1979				
08...	1250	490	--	43	25...	0940	475	--	37
MAR , 1979					AUG				
09...	1310	530	--	48	09...	1110	472	--	37

280217082343201 - CHANNEL A S. WELL 14 NR TAMPA, FL (LAT 28 02 17 LONG 082 34 32.01)

MAY , 1979					MAY , 1979				
04...	1040	192	23.5	10	11...	1115	199	23.5	14

280221082342901 - ROCKY CREEK LF 53 (LAT 28 02 21 LONG 082 34 29.01)

NOV , 1978					JUN , 1979				
06...	1140	421	24.5	13	14...	1015	400	24.8	11

280221082342902 - ROCKY CREEK L F 53A (LAT 28 02 21 LONG 082 34 29.02)

NOV , 1978					JUN , 1979				
06...	1130	412	24.5	15	14...	1030	405	25.8	9.4

280226082341201 - ROCKY CREEK LF 70 (LAT 28 02 26 LONG 082 34 12.01)

NOV , 1978				
07...	0930	200	24.0	22

280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)

NOV , 1978					JUN , 1979				
07...	1015	2520	25.0	410	14...	1000	2300	25.4	290

280228082335902 - ROCKY CREEK LF 74 (LAT 28 02 28 LONG 082 33 59.02)

NOV , 1978				
07...	0830	138	23.0	13

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HILLSBOROUGH COUNTY									
280231082343601 - ROCKY CREEK LF 85 (LAT 28 02 31 LONG 082 34 36.01)									
NOV , 1978	07...	1230	375	25.5					
280231082343602 - ROCKY CREEK LF 84 (LAT 28 02 31 LONG 082 34 36.02)									
NOV , 1978	07...	1200	525	25.0					
280231082343603 - ROCKY CREEK LF 83 (LAT 28 02 31 LONG 082 34 36.03)									
NOV , 1978	07...	1100	370	25.0					
280235082335801 - ROCKY CREEK LF 98 (LAT 28 02 35 LONG 082 33 58.01)									
NOV , 1978	06...	1000	365	21.5	JUN , 1979	14...	0930	420	24.1 10
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)									
NOV , 1978	06...	1045	385	22.0	JUN , 1979	14...	0940	410	24.4 11
280243082203701 - USCE WELL TBC-01 NR TEMPLE TERRACE, FLA (LAT 28 02 43 LONG 082 20 37.01)									
MAY , 1979	17...	0920	242	23.0					
280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02.01)									
MAY , 1979	17...	1030	457	23.0					
280354082381901 - ST PETE D. WELL E-101 NR CITRUS PARK, FLA (LAT 28 03 54 LONG 082 38 19.01)									
OCT , 1978	20...	0945	37200	-- 13000	APR , 1979	18...	0940	34600	-- 13000
NOV	16...	1420	35000	26.5 14000	MAY	25...	0945	32200	24.5 11000
JAN , 1979	11...	0935	36500	27.0 13000	JUN	20...	1040	32700	25.5 11000
FEB	12...	1115	36800	-- 13000	JUL	16...	1400	33000	27.0 14000
MAR	22...	0835	37200	-- 12000	AUG	16...	1205	35700	26.0 12000
280358082380101 - F. V. BASS WELL NR CITRUS PARK, FLA (LAT 28 03 58 LONG 082 38 01.01)									
OCT , 1978	04...	1045	365	24.5 12	APR , 1979	30...	1000	389	24.0 10
NOV	02...	0740	390	23.0 16	MAY	31...	1030	362	24.0 11
	27...	0940	360	24.0 10	JUN	25...	0840	340	24.5 13
DEC	21...	0800	370	24.0 10	JUL	25...	0940	375	24.0 9.6
FEB , 1979	07...	0755	348	24.0 9.3	SEP	04...	1020	370	24.5 9.0
APR	05...	1215	375	25.0 11					
280450082325509 - CARROLWOOD MEADOWS TREATED, PRIVATE RESIDENCE (LAT 28 04 50 LONG 082 32 55.09)									
JAN , 1979	30...	0945	358	15.5 17					

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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HILLSBOROUGH COUNTY

280504082365501 - ST PETE D. WELL E-102 NR CITRUS PARK, FLA (LAT 28 05 04 LONG 082 36 55.01)

OCT , 1978					MAY , 1979				
20...	1035	740	--	110	25...	1055	562	25.0	62
NOV					JUN				
16...	1305	640	26.0	24	26...	1145	660	24.5	75
JAN , 1979					JUL				
11...	1025	812	26.0	89	16...	1500	940	26.0	16
FEB					AUG				
12...	1150	665	24.0	67	16...	1420	530	25.5	50
MAR					SEP				
21...	1030	490	25.0	30	11...	1620	451	25.0	19
APR									
18...	1235	552	24.5	42					

280548082355701 - ST PETE D. WELL E-100 NR CITRUS PARK, FLA (LAT 28 05 48 LONG 082 35 57.01)

OCT , 1978					MAY , 1979				
20...	0845	--	--	2600	22...	1440	10900	25.0	2500
NOV					JUN				
16...	1140	11900	25.5	2700	20...	1340	11700	24.5	2600
JAN , 1979					JUL				
11...	1125	10400	26.5	2500	24...	1320	8550	26.0	2200
FEB					AUG				
12...	1250	10500	24.0	2400	15...	1520	10400	27.0	2100
MAR					SEP				
21...	0850	11400	23.0	2600	11...	1445	10200	25.5	2200
APR									
18...	1120	11400	25.0	2800					

280605082184101 - MORRIS BRIDGE DP WELL 12 NR BRANCHTON, FLA (LAT 28 06 05 LONG 082 18 41.01)

NOV , 1978					MAY , 1979				
15...	1455	630	26.0	13	21...	1145	305	25.5	25
15...	1525	590	25.5	16	21...	1235	608	25.0	12
JAN , 1979					JUL				
12...	1140	--	--	15	20...	1020	480	25.0	10
12...	1210	--	--	11	20...	1045	300	24.5	14
MAR					SEP				
23...	0950	--	--	15	14...	1340	580	25.5	12
23...	1015	--	--	30	14...	1405	570	25.0	16

280605082184102 - MORRIS BRIDGE SH WELL 12 NR BRANCHTON, FLA (LAT 28 16 05 LONG 082 18 41.02)

JAN , 1979					JUL , 1979				
05...	1300	550	23.0	14	02...	0950	634	23.5	12
MAR					AUG				
05...	1320	680	21.0	15	27...	1410	602	22.0	13
APR									
30...	1300	672	19.5	17					

GROUND WATER QUALITY RECORDS  
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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
HILLSBOROUGH COUNTY									
280614082411601 - E LAKE MONITOR M2 DP WELL NR TARPON SPRINGS, FL (LAT 28 06 14 LONG 082 41 16.01)									
JAN , 1979					JUL , 1979				
10...	1440	4510	25.0	1500	16...	0930	4800	27.0	1500
10...	1525	6280	25.0	1900	16...	1045	6550	25.5	2000
280642082195801 - MORRIS BRIDGE DP WELL 3B NR BRANCHTON (WQ-01) (LAT 28 06 42 LONG 082 19 58.01)									
MAY , 1979									
17...	1140	555	21.5	15					
280652082195101 - MORRIS BRIDGE WF D. WELL 3C NR BRANCHTON (LAT 28 06 52 LONG 082 19 51.01)									
NOV , 1978					MAY , 1979				
15...	1230	505	26.0	12	21...	1442	1980	26.0	82
15...	1400	2850	25.0	78	JUL				
JAN , 1979					20...				
12...	1415	2900	26.0	74	SEP	0745	2700	25.0	118
MAR					14...				
23...	0845	--	--	76	14...	1150	2800	27.0	80
280659082175201 - MORRIS BRIDGE DP WELL 13 NR BRANCHTON (LAT 28 06 55 LONG 082 17 52.01)									
NOV , 1978					MAY , 1979				
15...	1300	460	25.5	10	21...	1325	417	25.5	10
JAN , 1979					JUL				
12...	1245	520	25.5	9.5	20...	0910	525	25.0	10
12...	1320	550	25.5	51	SEP				
MAR					14...				
22...	1500	555	26.0	14	14...	1300	640	26.5	15
280728082301101 - ST PETE DP WELL 21-7 NEAR LUTZ, FLA (LAT 28 07 28 LONG 082 30 11.01)									
NOV , 1978					MAY , 1979				
16...	0900	3150	25.0	26	25...	1205	2670	25.0	16
JAN , 1979					JUL				
11...	1448	3400	25.5	66	20...	1145	3150	27.0	42
MAR					SEP				
22...	1230	3050	25.0	80	14...	0950	2100	25.5	56
LEE COUNTY									
263117082051002 - 45S22E26 L-2821 PINE ISLAND CT (LAT 26 31 17 LONG 082 05 10.02)									
OCT , 1978					MAY , 1979				
26...	1225	2050	--	480	08...	1530	2170	27.5	420
263347082002601 - 45S23E09 L-1119 PINE IS CENTER (LAT 26 33 47 LONG 082 00 26.01)									
MAY , 1979									
10...	1300	1300	25.5	270					
263357081575602 - 45S23E12 L-2703 FORT MYERS SW (LAT 26 33 57 LONG 081 57 56.02)									
MAY , 1979									
10...	0930	1750	25.0	420					
263743082041201 - 44S22E24 L-2645 MYTLACAA (LAT 26 37 43 LONG 082 04 12.01)									
MAY , 1979									
08...	1230	1970	26.0	450					
263814082020701 - 44S23E1744S23E17 L-1058 MATLACHA (LAT 26 38 14 LONG 082 02 07.01)									
MAY , 1979									
08...	1030	2350	26.0	580					

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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LEE COUNTY

263834082005301 - 44S23E16 L-781 (LAT 26 38 34 LONG 082 00 53.01)

MAY , 1979  
08... 1000 1900 27.5 440

264002082012801 - 44S23E05 L-2700

MATLACHA FL (LAT 26 40 02 LONG 082 01 28.01)

MAY , 1979  
08... 1330 4000 27.5 980

264009082085002 - 44S22E06 L-2820

BOKEELIA FL (LAT 25 40 09 LONG 082 08 50.02)

MAY , 1979  
08... 1430 2500 26.5 650

264054081592601 - 43S23E35 L1106

FT MYERS NW (LAT 26 40 54 LONG 081 59 26.01)

MAY , 1979  
07... 1430 1130 26.0 200

264055081583101 - 43S23E35 L-1109

FT MYERS NW (LAT 26 40 55 LONG 081 58 31.01)

MAY , 1979  
07... 1500 770 25.5 88

264120082022101 - 43S23E32 L-1113

MATLACHA (LAT 26 41 12 LONG 082 02 21.01)

MAY , 1979  
07... 1530 4100 26.0 1100

264146081592301 - 43S23E35 L-1107

FT MYERS NW (LAT 26 41 46 LONG 081 59 23.01)

MAY , 1979  
08... 1100 1080 26.0 190

264241081582401 - 43S23E25 L-1110

FT MYERS NW (LAT 26 42 41 LONG 081 58 24.01)

MAY , 1979  
09... 1130 1680 26.5 380

264517082022101 - 43S23E07 L-1059

DUNTA GORDA SE (LAT 26 45 17 LONG 082 02 21.01)

MAY , 1979  
07... 0930 1810 26.0 440

LEVY COUNTY

290118082364101 - 90123601 17S17E05 CE 70 USGS AT INGLIS LOCK (LAT 29 01 18 LONG 082 36 41.01)

MAY , 1979  
03... 1000 490 21.0 15

290205082421201 - 90224204 17S16E05 YANKEETOWN NO 3 (LAT 29 02 05 LONG 082 42 12.01)

NOV , 1978  
01... 1410 625 23.5 19

291250082341901 - 91223401 15S17E03 NORMA CARVER (LAT 29 12 50 LONG 082 34 19.01)

OCT , 1978  
19... 0930 181 23.5 3.5

291620082255101 - 91622501 14S19E07 JAMES BLITCH MORRISTON (LAT 29 16 20 LONG 082 25 51.01)

OCT , 1978  
31... 1110 437 23.5 11

272558082360601 - EL CONQUISTADOR BAY COUNTRY CLUB (LAT 27 25 58 LONG 082 36 06.01)

MAY , 1979  
11... 1530 2400 28.0 330

GROUND WATER QUALITY RECORDS  
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AND CHLORIDE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
MANATEE COUNTY									
272701082283601 - UNIV. OF FLA. AG. RES. CNTR. EXPERIMENTAL FARM (LAT 27 27 01 LONG 082 28 36.01)									
MAY , 1979									
11...	1635	1120	28.0	35					
272727082191201 - TIM JORDAN DP WELL NR WATERBURY (LAT 27 27 27 LONG 082 19 12.01)									
APR , 1979									
30...	1145	635	29.0	16					
272740082373001 - SANTA ROSA G AND C C (LAT 27 27 40 LONG 082 37 30.01)									
MAY , 1979									
23...	1050	1700	27.2	360					
272750082380701 - PALMA SOLA GOLF CLUB - SOUTH (LAT 27 27 50 LONG 082 38 07.01)									
MAY , 1979									
23...	1135	2700	28.0	630					
272811082380101 - PALMA SOLA GOLF CLUB - NORTH (LAT 27 28 11 LONG 082 38 01.01)									
MAY , 1979									
23...	1130	2500	29.0	470					
273117082210201 - RUTLAND RANCH DP WELL NR PARRISH (LAT 27 31 17 LONG 082 21 02.01)									
MAY , 1979									
01...	1530	--	30.0	17					
273131082430301 - KEY ROYAL C C NEW WELL (LAT 27 31 31 LONG 082 43 03.01)									
MAY , 1979									
11...	1415	3250	28.0	610					
273340082353501 - PARKER - TERRA CEIA (LAT 27 33 40 LONG 082 35 35.01)									
MAY , 1979									
11...	1140	2400	29.0	320					
273432082204601 - BLAKE WHISENANT -- WHISENANT FARMS - SEC.30 WELL (LAT 27 34 32 LONG 082 20 46.01)									
MAY , 1979									
25...	1415	580	29.0	16					
273531082150501 - H&G #1 DP WELL NR PARRISH,FLA. (LAT 27 35 31 LONG 082 15 05.01)									
APR , 1979					MAY , 1979				
27...	1030	945	29.0	15	31...	1305	--	--	15
273820082155901 - LEE(BUCK) STRICKLAND -- SOUTH WELL (LAT 27 38 20 LONG 082 15 59.01)									
MAY , 1979									
25...	1425	940	28.5	17					
273842082175001 - S W HILLSBOROUGH 3 NR WIMAUMA (LAT 27 38 42 LONG 082 17 50.01)									
MAY , 1979									
22...	1215	395	27.0	5.3					
MARION COUNTY									
285958082103901 - 85921002 17521E23 MARIOW OAKS NO 3 (LAT 28 59 58 LONG 082 10 39.01)									
OCT , 1978									
19...	1450	315	23.5	7.0					



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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
MARION COUNTY									
290130082082001 - 90120801 17S22E07 USGS OB WELL CE35 NR PEDRO FL (LAT 29 01 30 LONG 082 08 20.01)									
APR , 1979									
30...	1245	200	24.0	3.7					
290132082133001 - 90121301 17S21E08 USGS OB WELL CE78 NR PEDRO FL (LAT 29 01 32 LONG 082 13 30.01)									
APR , 1979									
30...	1320	173	23.0	2.6					
290255082273601 - 90222702 16S18E35 CITY OF DUNNELLON NO 1 (LAT 29 02 55 LONG 082 27 36.01)									
NOV , 1978									
01...	1335	345	24.0	12					
290312082190601 - 90321901 16S20E33 CE 22 U S GEOL SURVEY (LAT 29 03 12 LONG 082 19 06.01)									
APR , 1979									
30...	1400	98	24.0	2.0					
290312082250801 - 90322501 16S19E32 CE 14 US GEOL SURVEY (LAT 29 03 12 LONG 082 25 08.01)									
JAN , 1979									
30...	1040	260	23.6	4.9					
290400082091001 - 90420901 16S21E25 USGS OB WELL CE33 NR OCALA FL (LAT 29 04 00 LONG 082 09 10.01)									
APR , 1979									
30...	1145	390	23.5	6.1					
290447082250901 - 90422501 16S19E20 CE 13 U S GEOL SURVEY (LAT 29 04 47 LONG 082 25 09.01)									
MAY , 1979									
03...	1230	252	23.5	3.7					
290552082044701 - 90520401 16S22E14 USGS OB WELL CE81 NR SANTOS F (LAT 29 05 52 LONG 082 04 47.01)									
MAY , 1979									
02...	1000	490	24.0	8.3					
290614082274801 - 90622701 16S18E11 SCE 170 RAINBOWS END GOLF CRS (LAT 29 06 14 LONG 082 27 48.01)									
NOV , 1978									
01...	1010	105	24.0	3.7					
290820082032001 - 90820301 15S22E36 USGS OB WELL CE39 NR OCALA FL (LAT 29 08 20 LONG 082 03 20.01)									
MAY , 1979									
02...	1045	260	24.0	4.8					
291056082263201 - 91022601 15S18E13 HERSHEL KYPER ROMEO (LAT 29 10 56 LONG 082 26 32.01)									
NOV , 1978									
01...	0930	296	23.5	3.9					
291422082151201 - 91421503 14S20E25 GOLDEN HILLS IRRIGATION (LAT 29 14 22 LONG 082 15 12.01)									
OCT , 1978									
19...	1300	403	24.0	8.6					
291616082195001 - 91621901 14S20E17 CE 19 FFS BLITCHTON (LAT 29 16 16 LONG 082 19 50.01)									
OCT , 1978									
31...	1240	550	23.0	8.2					

GROUND WATER QUALITY RECORDS  
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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
PASCO COUNTY									
281023082450701 - COASTAL PASCO D. WELL 13 NR NEW PORT RICHEY, FL (LAT 28 10 23 LONG 082 45 07.01)									
MAY , 1979					SEP , 1979				
16...	0830	33000	25.0	13000	19...	0855	26500	26.0	10000
281046082470801 - FPC WELL NO 1 NR TARPON SGS, FLA (LAT 28 10 46 LONG 082 47 08.01)									
MAY , 1979					SEP , 1979				
16...	1000	35000	24.0	17000	19...	0950	44000	25.5	17000
281046082470802 - FPC WELL NO 2 NR TARPON SGS, FLA (LAT 28 10 46 LONG 082 47 08.02)									
MAY , 1979					SEP , 1979				
16...	0930	3900	24.0	1200	19...	1020	3800	25.5	1100
281053082310401 - ST PETE D. WELL 105 NR LAND O' LAKES, FLA (LAT 28 10 53 LONG 082 31 04.01)									
NOV , 1978					MAR , 1979				
16...	1030	28500	25.0	8700	22...	1035	26000	23.0	8700
JAN , 1979					SEP				
11...	1245	27000	26.0	8700	12...	1253	28000	28.0	8600
281445082414501 - COASTAL PASCO D. WELL 11 NR NEW PORT RICHEY, FL (LAT 28 14 45 LONG 082 41 45.01)									
MAY , 1979					SEP , 1979				
16...	1115	2200	25.0	520	19...	1115	2100	26.0	520
281532082412301 - NEW PORT RCHY D. WELL AT RICHEY LKS, FLA (LAT 28 15 32 LONG 082 41 23.01)									
OCT , 1978					MAR , 1979				
10...	1600	24500	26.0	8100	27...	0900	20000	23.0	6900
NOV					MAY				
03...	1730	20000	25.0	6900	03...	1620	20700	24.0	7000
DEC					JUN				
05...	1445	18100	24.0	6200	05...	0855	20200	24.0	6900
JAN , 1979					28...	1715	19800	24.5	6900
12...	1810	19600	25.0	7000	JUL				
FEB					31...	0900	19000	24.5	6990
06...	0825	19500	25.0	7000	SEP				
MAR					11...	1450	24200	25.0	8600
01...	1655	20000	24.5	7000					
281642082440201 - COASTAL PASCO D. WELL 04 AT PORT RICHEY, FL (LAT 28 16 42 LONG 082 44 02.01)									
MAY , 1979					SEP , 1979				
16...	1230	34500	24.0	16000	19...	1210	44000	26.0	16000
281648082430201 - COASTAL PASCO D. WELL 05 AT PORT RICHEY, FL (LAT 28 16 48 LONG 082 43 02.01)									
MAY , 1979					SEP , 1979				
16...	1200	3650	23.0	980	19...	1140	3100	24.0	880
281652082423301 - PORT RICHEY CITY D. WELL AT PORT RICHEY, FL (LAT 28 16 52 LONG 082 42 33.01)									
MAY , 1979					SEP , 1979				
16...	1145	660	23.5	82	19...	1130	649	25.5	89
281846082085501 - 81820801 25S22E18 LARKIN CO. W/LOG (LAT 28 18 46 LONG 082 08 55.01)									
OCT , 1978									
18...	0910	250	24.0	9.7					

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
PASCO COUNTY									
281917082420901 - ROMP DEEP WELL TR 17-1 AT BAYONET POINT, FL (LAT 28 19 17 LONG 082 42 09.01)									
JUL , 1979					SEP , 1979				
19...	1355	3200	27.0	850	13...	1025	2620	25.0	760
281922082403901 - ROMP DEEP WELL TR 17-3 NEAR BAYONET POINT, FL (LAT 28 19 22 LONG 082 40 39.01)									
JUL , 1979					SEP , 1979				
19...	1300	13900	27.0	4400	13...	0920	13200	25.5	4300
281930082093701 - 81920901 25S21E12 LYKES-PASCO FERTILIZER (LAT 28 19 30 LONG 082 09 37.01)									
OCT , 1978									
13...	1420	243	24.0	14					
281936082112201 - 81921106 25S21E10 TOMOAKLEY RESIDENCE (LAT 28 19 36 LONG 082 11 22.01)									
OCT , 1978									
17...	1400	318	24.0	15					
281948082415301 - WITHLACOOCHEE ELEC 01 AT BAYONET POINT, FL (LAT 28 19 48 LONG 082 41 53.01)									
MAY , 1979					SEP , 1979				
16...	1250	338	23.5	16	19...	1230	351	24.0	17
281954082413401 - PONDEROSA DEV D. WELL AT BAYONET POINT, FL (LAT 28 19 54 LONG 082 41 34.01)									
MAY , 1979					SEP , 1979				
16...	1310	390	26.0	29	19...	1250	355	27.0	24
282009082373801 - SR 52 D. WELL NR HUDSON, FLA (LAT 28 20 29 LONG 082 37 38.01)									
NOV , 1978					MAY , 1979				
03...	1600	275	24.5	6.6	04...	1210	283	24.5	6.5
JAN , 1979					JUN				
12...	1255	278	24.5	6.0	29...	1310	245	24.0	6.8
MAR					SEP				
02...	1300	278	24.5	6.0	11...	1315	272	24.5	6.0
282011082162701 - 82021601 25S20E02 SAN ANTONIO PROD WELL (LAT 28 20 11 LONG 082 16 27.01)									
OCT , 1978									
12...	1040	252	25.0	8.0					
282038082112001 - 82021101 25S21E03 EVANS MAIN PLANT WELL (LAT 28 20 38 LONG 082 11 20.01)									
OCT , 1978									
12...	1420	273	24.0	8.0					
282147082113001 - 82121101 24S21E27 DADE CITY NO 1 (LAT 28 21 47 LONG 082 11 30.01)									
OCT , 1978									
13...	1030	276	24.0	8.0					
282155082132601 - 82121301 24S21E29 SHUTTLE WELL (LAT 28 21 55 LONG 082 13 26.01)									
OCT , 1978									
13...	1120	254	24.0	14					
282229082405801 - COASTAL PASCO D. WELL 02 AT HUDSON, FL (LAT 28 22 29 LONG 082 40 58.01)									
MAY , 1979					SEP , 1979				
16...	1330	24500	24.0	9200	19...	1315	27200	25.5	9500

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
PASCO COUNTY									
282233082112202 - 82221112 24S21E22 LYKES-PASCO NO.9 (LAT 28 22 33 LONG 082 11 22.02)									
OCT , 1978									
17...	1025	307	24.0	9.1					
282235082111901 - 82221115 24S21E22 LYKES-PASCO NO. 13 (LAT 28 22 35 LONG 082 11 19.01)									
OCT , 1978									
17...	1005	332	24.0	8.5					
282339082395801 - ZAZZY'S D. WELL NR HUDSON, FL (LAT 28 23 39 LONG 082 39 58.01)									
MAY , 1979					SEP , 1979				
16...	1350	432	24.0	20	19...	1345	400	25.5	15
282346082114901 - 82321105 24S21E15 SAPP WELL W/LOG (LAT 28 23 46 LONG 082 11 49.01)									
OCT , 1978									
13...	0950	221	24.0	6.6					
282428082182801 - 82421801 24S20E09 MOODY LAKE WELL (LAT 28 24 28 LONG 082 18 28.01)									
OCT , 1978									
18...	1140	276	23.5	8.2					
282430082112101 - 82421102 24S21E10 SELF WELL (LAT 28 24 30 LONG 082 11 21.01)									
OCT , 1978									
13...	1210	253	24.0	7.2					
282717082142001 - 82721401 23S21E30 ROSSINI WELL WEST OF TRILBY (LAT 28 27 17 LONG 082 14 20.01)									
JAN , 1979									
26...	1210	260	23.5	7.2					
PINELLAS COUNTY									
274243082405401 - SOUTHWEST C3 (LAT 27 42 43 LONG 082 40 54.01)									
AUG , 1979					SEP , 1979				
07...	1200	--	--	18000	14...	1135	--	--	18500
22...	0925	54000	28.6	18000	23...	1100	--	--	18000
274247082410901 - WELL NUMBER S4 ECKERD COLLEGE (LAT 27 42 47 LONG 082 41 09.01)									
AUG , 1979									
23...	1200	--	--	1500					
274259082405401 - WELL NUMBER A3 SW ST PETERSBURG INJ WELL 1120 (LAT 27 42 59 LONG 082 40 54.01)									
AUG , 1979					SEP , 1979				
22...	0925	--	28.6	17000	18...	0910	--	--	140
SEP					21...	1200	--	--	140
11...	1425	--	--	150	23...	1200	--	--	96
12...	1000	--	--	150	25...	1410	--	--	110
13...	0850	--	--	180					
274259082405402 - WELL NUMBER B6 SW ST PETERSBURG INJ MON 850 (LAT 27 42 59 LONG 082 40 54.02)									
FEB , 1979					SEP , 1979				
07...	1415	--	--	13000	15...	0830	44500	--	17000
AUG					17...	0825	--	--	12000
08...	1040	--	--	18000	19...	1030	--	--	10000
22...	1735	41000	28.0	16000	21...	1000	--	--	9800
SEP					23...	0800	--	--	9900
11...	1025	--	--	16000	25...	1535	--	--	6900
12...	1420	--	--	18000					
13...	0950	--	--	17000					

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00040)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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PINELLAS COUNTY

274259082405403 - WELL NUMBER B7 SW ST PETERSBURG INJ MON 632 (LAT 27 42 59 LONG 082 40 54.03)

<p>FEB , 1979</p> <p>07... 1338 -- 26.7 12000</p> <p>AUG</p> <p>07... 1333 -- -- 14000</p> <p>21... 0925 -- -- 14000</p>	<p>SEP , 1979</p> <p>11... 1220 -- -- 14000</p> <p>19... 0925 -- -- 14000</p> <p>25... 1346 -- -- 12000</p>
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274259082405404 - WELL NUMBER B8 SW ST PETERSBURG INJ MON 400 (LAT 27 42 59 LONG 082 40 54.04)

<p>FEB , 1979</p> <p>07... 1145 -- 25.1 4000</p> <p>AUG</p> <p>06... 0910 -- -- 4200</p> <p>21... 1030 -- -- 4200</p>	<p>SEP , 1979</p> <p>14... 0950 -- -- 3700</p> <p>23... 0945 -- -- 4600</p>
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274259082405501 - WELL NUMBER B9 SW ST PETERSBURG INJ MON 180 (LAT 27 42 59 LONG 082 40 55.01)

AUG , 1979

21... 0850 -- -- 1300

274259082410201 - WELL NUMBER B1 SW ST PETERSBURG MON 1286 (LAT 27 42 59 LONG 082 41 02.01)

<p>FEB , 1979</p> <p>07... 1035 -- 28.8 23000</p> <p>AUG</p> <p>08... 1125 -- -- 21000</p>	<p>AUG , 1979</p> <p>20... 1315 -- -- 21000</p>
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274259082410202 - WELL NUMBER B2 SW ST PETERSBURG MON 1120 (LAT 27 42 59 LONG 082 41 02.02)

<p>FEB , 1979</p> <p>07... 0917 -- 28.4 21000</p> <p>AUG</p> <p>09... 1525 -- -- 20000</p>	<p>AUG , 1979</p> <p>21... 1450 44000 26.5 20000</p>
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274259082410203 - WELL NUMBER B3 SW ST PETERSBURG MON 851 (LAT 27 42 59 LONG 082 41 02.03)

<p>FEB , 1979</p> <p>06... 1500 -- 28.5 11000</p> <p>AUG</p> <p>09... 1027 -- -- 14000</p> <p>22... 1245 34000 28.1 12000</p> <p>SEP</p> <p>11... 1425 -- -- 14000</p> <p>13... 1400 -- -- 14000</p>	<p>SEP , 1979</p> <p>15... 0730 -- -- 14000</p> <p>17... 0815 -- -- 14000</p> <p>19... 0820 -- -- 14000</p> <p>21... 1135 -- -- 13000</p> <p>25... 1015 -- -- 13000</p> <p>25... 1125 -- -- 12000</p>
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274259082410204 - WELL NUMBER B4 SW ST PETERSBURG MON 566 (LAT 27 42 59 LONG 082 41 02.04)

<p>FEB , 1979</p> <p>06... 1042 -- 27.2 13000</p> <p>AUG</p> <p>09... 1230 -- -- 13000</p>	<p>AUG , 1979</p> <p>23... 1035 -- -- 13000</p>
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274259082410205 - WELL NUMBER B5 SW ST PETERSBURG MON 396 (LAT 27 42 59 LONG 082 41 02.05)

<p>FEB , 1979</p> <p>06... 1245 -- 25.5 2500</p>	<p>AUG , 1979</p> <p>22... 1610 8500 25.3 2400</p>
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GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TEMPERATURE, CONDUCTANCE  
AND CHLORIDE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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PINELLAS COUNTY

274259082411202 - SOUTHWEST C1 (LAT 27 42 59 LONG 082 41 12.02)

JUL , 1979					SEP , 1979				
10...	1440	38000	28.3	16000	11...	1210	--	--	18000
AUG					15...	1230	--	--	18000
06...	1045	--	--	18000	25...	1140	--	--	18000
22...	1200	40000	27.7	17000					

274259082411203 - SOUTHWEST C2 (LAT 27 42 59 LONG 082 41 12.03)

JUL , 1979					SEP , 1979				
10...	1300	--	--	15000	15...	1310	--	--	15000
AUG									
21...	1320	38500	27.7	14000					

274756082371501 - WELL NUMBER S1 SUNSET GOLF COURSE (LAT 27 47 56 LONG 082 37 15.01)

OCT , 1978				
17...	0915	2000	24.5	550

274819082374001 - WELL NUMBER S2 CRISP PARK (LAT 27 48 19 LONG 082 37 40.01)

OCT , 1978				
24...	1100	750	24.5	130

274839082463301 - BAY PINES WELL NO. 161 (LAT 27 48 39 LONG 082 46 33.01)

OCT , 1978					MAR , 1979				
11...	1350	1430	25.0	330	27...	1045	1450	24.5	330
DEC					JUN				
04...	1125	1490	25.5	320	04...	1105	1480	24.5	330
JAN , 1979					JUL				
29...	1310	1430	24.0	340	30...	1215	1420	24.5	322

274848082363401 - WELL NUMBER S3 NE PRESBYTARIAN CHURCH (LAT 27 48 48 LONG 082 36 34.01)

OCT , 1978				
17...	1200	--	25.4	340

274850082371601 - WELL NUMBER S4 JM WINTER (LAT 27 48 50 LONG 082 37 16.01)

OCT , 1978				
19...	1200	770	24.5	110

274902082390401 - WELL NUMBER S5 ROBERT COMMUNITY CENTER (LAT 27 49 02 LONG 082 39 04.01)

OCT , 1978				
24...	0930	650	24.9	91

274910082380401 - WELL NUMBER S6 SHORECREST HIGH SCHOOL (LAT 27 49 10 LONG 082 38 04.01)

OCT , 1978				
24...	0945	--	24.5	120

274915082364701 - WELL NUMBER S7 GILLOTTS (LAT 27 49 15 LONG 082 36 47.01)

OCT , 1978				
24...	1330	1070	26.7	150

274937082373301 - WELL NUMBER S8 NEIL (LAT 27 49 37 LONG 082 37 33.01)

OCT , 1978				
19...	1330	760	24.7	100

274943082380401 - WELL NUMBER S9 RIVIERA METHODIST CHURCH (LAT 27 49 43 LONG 082 38 04.01)

OCT , 1978				
19...	1030	670	24.6	87



GROUND WATER QUALITY RECORDS  
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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
PINELLAS COUNTY									
275029082380401 - WELL NUMBER S10 MILLS (LAT 27 50 29 LONG 082 38 04.01)									
OCT , 1978									
19...	0900	790	26.1	66					
275135082381901 - WELL NUMBER S11 LIBERTY BAPTIST CHURCH (LAT 27 51 35 LONG 082 38 19.01)									
OCT , 1978									
24...	1300	1400	24.0	340					
275210082411601 - PINELLAS CO. LF 18 (LAT 27 52 10 LONG 082 41 16.01)									
JUN , 1979					SEP , 1979				
05...	0930	1620	29.0	240	21...	1450	800	25.0	63
275218082403601 - PINELLAS CO. LF 10 (LAT 27 52 18 LONG 082 40 36.01)									
DEC , 1978									
19...	0255	739	25.5	60					
275222082504602 - WELL NUMBER S3 HAMLIN 150' (LAT 27 52 22 LONG 082 50 46.02)									
OCT , 1978									
05...	1115	--	25.3	92					
275224082401901 - PINELLAS CO. LF 24 (LAT 27 52 24 LONG 082 40 19.01)									
DEC , 1978									
19...	0215	1380	25.5	180					
275226082402001 - PINCOLF 0 1 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.01)									
AUG , 1979					SEP , 1979				
15...	1515	1275	28.3	80	23...	1115	--	--	38
SEP									
06...	1000	1070	30.0	40					
275226082402002 - PINCOLF 0 2 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.02)									
AUG , 1979					SEP , 1979				
15...	1525	1325	27.5	140	23...	1120	1250	28.0	75
SEP									
06...	1015	1400	28.0	130					
275226082402003 - PINCOLF 0 3 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.03)									
JUN , 1979					SEP , 1979				
07...	1415	1670	29.0	150	06...	1025	1820	28.0	150
JUL					23...	1125	1600	27.5	160
17...	1200	1620	31.0	150					
AUG									
15...	1535	1600	27.0	150					
275226082402004 - PINCOLF 0 4 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.04)									
AUG , 1979					SEP , 1979				
15...	1545	1540	27.5	200	23...	1130	1500	27.0	200
SEP									
06...	1040	1800	28.0	200					
275226082402111 - PINCOLF B 1 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.11)									
AUG , 1979					SEP , 1979				
15...	1340	1375	31.5	170	06...	1150	1600	29.0	200
30...	1100	1450	29.0	190	23...	1400	1500	29.0	200

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
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AND CHLORIDE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE DIS- SOLVED (MG/L AS CL) (00940)
PINELLAS COUNTY									
275226082402112 - PINCOLF B 2 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.12)									
AUG , 1979					SEP , 1979				
15...	1345	1125	28.5	160	06...	1200	1340	28.0	170
30...	1120	1200	28.5	170	27...	1410	1380	28.0	430
275226082402113 - PINCOLF B 3 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.13)									
AUG , 1979					SEP , 1979				
15...	1350	1100	28.0	110	06...	1220	1320	28.5	170
30...	1135	1190	28.0	170	27...	1420	1350	27.5	170
275226082402114 - PINCOLF B 4 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.14)									
AUG , 1979					SEP , 1979				
15...	1355	1175	27.5	160	06...	1235	1300	27.5	160
30...	1145	1250	27.5	170	23...	1430	1300	27.5	160
275227082401913 - PINCOLF M 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 19.13)									
APR , 1979									
11...	0905	--	--	79					
275227082401914 - PINCOLF M 4 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 19.14)									
APR , 1979									
11...	0845	--	--	14					
275227082402001 - PINCOLF C 1 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.01)									
MAR , 1979					SEP , 1979				
28...	1400	--	--	210	06...	1355	1250	28.0	210
AUG					23...	1310	1300	29.0	180
15...	--	1125	32.5	43					
15...	1215	--	--	180					
30...	1215	1230	31.0	180					
275227082402002 - PINCOLF C 2 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.02)									
MAR , 1979					SEP , 1979				
28...	1340	--	--	220	06...	1410	825	27.0	160
AUG					23...	1320	1500	28.5	170
15...	1140	990	28.0	160					
30...	1200	1200	29.0	160					
275227082402003 - PINCOLF C 3 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.03)									
MAR , 1979					AUG , 1979				
28...	1315	--	--	260	15...	1150	875	28.5	140
JUN					30...	1230	900	28.0	140
07...	1120	1100	29.0	220					
JUL					SEP				
17...	1000	1140	--	210	06...	1420	1250	26.5	140
					27...	1335	850	27.0	130
275227082402004 - PINCOLF C 4 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.04)									
MAR , 1979					SEP , 1979				
28...	1300	--	--	260	06...	1450	1260	27.5	190
AUG					23...	1345	1100	27.5	190
15...	1205	1325	28.3	220					
30...	1245	1300	28.0	220					
275227082402023 - PINCOLF I 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.23)									
JUN , 1979					JUL , 1979				
07...	1150	1460	29.0	150	17...	1100	1420	31.0	130

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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PINELLAS COUNTY

275227082402221 - PINCOLF H 1 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.21)

AUG , 1979					SEP , 1979				
15...	1410	1000	29.5	50	06...	1250	550	29.0	9.8
30...	1330	625	29.0	10	23...	1215	625	28.5	11

275227082402222 - PINCOLF H 2 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.22)

AUG , 1979					SEP , 1979				
15...	1415	900	27.5	27	06...	1300	740	28.0	13
30...	1350	790	29.0	16	23...	1220	700	28.0	11

275227082402223 - PINCOLF H 3 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.23)

AUG , 1979					SEP , 1979				
15...	1420	900	28.0	30	06...	1310	700	27.0	15
30...	1400	725	28.0	18	23...	1225	700	27.0	12

275227082402224 - PINCOLF H 4 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.24)

AUG , 1979					SEP , 1979				
30...	1410	660	27.5	25	23...	1235	650	27.0	25
SEP 06...	1320	675	26.5	22					

275244082410401 - PINELLAS CO. LF 3 (LAT 27 52 44 LONG 082 41 04.01)

DEC , 1978					JUL , 1979				
19...	0200	6200	27.5	670	12...	1420	8000	29.0	1000
FEB , 1979									
26...	1110	6750	--	750					

275244082411401 - PINELLAS CO. LF 4 (LAT 27 52 44 LONG 082 41 14.01)

DEC , 1978					JUL , 1979				
19...	1340	2110	27.0	190	12...	1430	2400	28.5	200
FEB , 1979									
26...	1140	2300	--	170					

275244082412301 - PINELLAS CO. LF 7 (LAT 27 52 44 LONG 082 41 23.01)

DEC , 1978					JUL , 1979				
19...	0130	1040	26.8	130	12...	1450	1230	28.5	140
FEB , 1979									
26...	1122	870	--	79					

275245082405401 - PINELLAS CO. LF 2 (LAT 27 52 45 LONG 082 40 54.01)

DEC , 1978					JUL , 1979				
19...	0115	2820	25.0	270	12...	1500	5000	28.5	480
FEB , 1979									
26...	0945	4600	--	480					

275258082410501 - PINELLAS CO. LF 5 (LAT 27 52 58 LONG 082 41 05.01)

FEB , 1979				
26...	1020	6200	--	500

275458082432301 - CLE-DUN S. WELL 36 NR LARGO, FL (LAT 27 54 58 LONG 082 43 23.01)

MAY , 1979					SEP , 1979				
17...	0750	128	24.0	5.6	20...	0735	410	20.0	18

GROUND WATER QUALITY RECORDS  
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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
PINELLAS COUNTY									
275631082435301 - CLE-DUN S. WELL 35 NR LARGO, FL (LAT 27 56 31 LONG 082 43 53.01)									
MAY , 1979					SEP , 1979				
17...	0815	425	24.5	15	20...	0810	410	27.5	16
275633082463201 - CLE-DUN S. WELL 34 NR LARGO, FL (LAT 27 56 33 LONG 082 46 32.01)									
MAY , 1979					SEP , 1979				
17...	0840	470	24.5	33	20...	0840	75	27.5	13
275636082462901 - CLE-DUN D. WELL 33 NR LARGO, FL (LAT 27 56 36 LONG 082 46 29.01)									
MAY , 1979					SEP , 1979				
17...	0855	530	25.0	82	20...	0855	419	--	69
275753082433702 - CLE-DUN S. WELL 30 NR CLEARWATER, FL (LAT 27 57 53 LONG 082 43 37.02)									
MAY , 1979					SEP , 1979				
16...	0840	845	23.0	46	17...	1040	795	28.0	46
275753082433703 - CLE-DUN S. WELL 29 NR CLEARWATER, FL (LAT 27 57 53 LONG 082 43 37.03)									
SEP , 1979									
17...	1035	410	25.5	31					
275925082421001 - CLE-DUN S. WELL 25 AT SAFETY HARBOR, FL (LAT 27 59 25 LONG 082 42 10.01)									
MAY , 1979					SEP , 1979				
16...	0955	150	22.0	22	20...	1315	193	26.5	26
275928082420702 - CLE-DUN D. WELL 26 AT SAFETY HARBOR, FL (LAT 27 59 28 LONG 082 42 07.02)									
MAY , 1979					SEP , 1979				
16...	1005	--	--	20	20...	1345	360	25.0	18
280015082471201 - CLE-DUN D. WELL 23 AT DUNEDIN, FL (LAT 28 00 15 LONG 082 47 12.01)									
MAY , 1979					SEP , 1979				
16...	1046	750	24.5	150	20...	1140	730	25.5	110
280059082464901 - CLE-DUN S. WELL 21 NR DUNEDIN, FL (LAT 28 00 59 LONG 082 46 49.01)									
MAY , 1979					SEP , 1979				
17...	0945	695	25.5	100	20...	0925	420	27.0	57
280107082460401 - CLE-DUN S. WELL 18 AT DUNEDIN, FL (LAT 28 01 07 LONG 082 46 04.01)									
MAY , 1979					SEP , 1979				
17...	1010	305	24.5	44	20...	0940	310	26.5	44
280122082471101 - CLE-DUN D. WELL 22 AT DUNEDIN, FL (LAT 28 01 22 LONG 082 47 11.01)									
MAY , 1979					SEP , 1979				
16...	1130	4380	24.5	1500	20...	1045	4080	26.5	1100
280133082415102 - CLE-DUN D. WELL 05 NR OLDSMAR, FL (LAT 28 01 33 LONG 082 41 51.02)									
MAY , 1979									
17...	1110	800	25.0	130					

GROUND WATER QUALITY RECORDS  
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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
PINELLAS COUNTY									
280214082464201 - CLE-DUN D. WELL 12 AT DUNEDIN, FL (LAT 28 02 14 LONG 082 46 42.01)									
MAY , 1979					SEP , 1979				
17...	1605	406	25.0	36	20...	0850	281	26.0	17
280219082400701 - CITY OF OLDSMAR TEST WELL AT OLDSMAR, FLA (LAT 28 02 19 LONG 082 40 07.01)									
OCT , 1978					MAR , 1979				
13...	0820	2360	24.5	650	26...	0850	2290	23.5	630
DEC					JUN				
07...	0840	2500	25.5	640	06...	0810	2450	24.5	640
JAN , 1979					JUL				
30...	1150	2300	24.5	640	30...	1440	2500	25.0	636
280228082465001 - CLE-DUN D. WELL 11 NR DUNEDIN, FL (LAT 28 02 28 LONG 082 46 50.01)									
MAY , 1979					SEP , 1979				
17...	1525	2970	25.5	890	20...	0935	4170	26.0	1300
280254082441602 - CLE-DUN D. WELL 17 NR DUNEDIN, FL (LAT 28 02 54 LONG 082 44 16.02)									
MAY , 1979					SEP , 1979				
16...	1435	1850	24.0	480	19...	1358	1820	25.5	500
280254082441603 - CLE-DUN S. WELL 16 NR DUNEDIN, FL (LAT 28 02 54 LONG 082 44 16.03)									
MAY , 1979					SEP , 1979				
16...	1415	110	23.0	16	19...	1445	272	28.0	6.1
280345082422101 - USGS S. WELL 129 E. LK RD NR OLDSMAR (LAT 28 03 45 LONG 082 42 21.01)									
SEP , 1979									
17...	1410	140	27.0	27					
280420082451901 - CLE-DUN D. WELL 09 NR PALM HARBOR, FL (LAT 28 04 20 LONG 082 45 19.01)									
MAY , 1979					SEP , 1979				
16...	1245	2270	24.5	670	19...	1115	2200	25.5	600
280457082420401 - BROOKER CRK S. WELL NR OLDSMAR, FLA (LAT 28 04 57 LONG 082 42 04.01)									
OCT , 1978					MAR , 1979				
13...	1050	2910	25.5	830	28...	0855	3150	22.5	840
DEC					JUN				
05...	1345	2820	25.5	820	06...	0935	3050	24.0	840
JAN , 1979					AUG				
30...	1430	2930	24.0	820	01...	1025	2930	25.5	810
280457082420402 - BROOKER CREEK WELL NR OLDSMAR, FLA (LAT 28 04 57 LONG 082 42 04.02)									
OCT , 1978					MAR , 1979				
13...	1040	4110	25.0	1300	28...	0830	3980	25.5	1300
DEC					JUN				
05...	1335	4120	25.5	1300	06...	0910	4300	26.0	1300
JAN , 1979					AUG				
30...	1420	4140	26.0	1300	01...	0950	4610	25.5	1320
280457082420403 - CLE-DUN S. WELL 1A NR OLDSMAR, FL (LAT 28 04 57 LONG 082 42 04.03)									
MAY , 1979					SEP , 1979				
17...	0910	109	24.5	26	17...	1448	144	28.0	19

GROUND WATER QUALITY RECORDS  
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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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PINELLAS COUNTY

280459082423901 - CLE-DUN D. WELL 03 NR PALM HARBOR, FL (LAT 28 04 59 LONG 082 42 39.01)

MAY , 1979					SEP , 1979				
16...	1400	1790	24.5	440	19...	0835	1720	26.0	440

280522082462101 - CLE-DUN S. WELL 07 NR PALM HARBOR, FL (LAT 28 05 22 LONG 082 46 21.01)

MAY , 1979					SEP , 1979				
16...	1325	430	24.0	9.2	19...	1155	448	27.0	10

280601082455301 - PINCO NWSTP 1020 BPND (LAT 28 06 01 LONG 082 45 53.01)

DEC , 1978					APR , 1979				
14...	1005	1250	20.2	280	23...	1045	2250	23.5	560
FEB , 1979					JUN				
21...	1545	1030	21.5	210	21...	1200	720	26.0	110

280601082460301 - 810 BPND (LAT 28 06 01 LONG 082 46 03.01)

DEC , 1978					APR , 1979				
14...	1020	2410	17.8	630	23...	1100	3250	24.0	810
FEB , 1979					JUN				
21...	1530	2600	22.0	620	21...	1215	3000	25.5	700

280601082460501 - PINCOL NWSTP 808 BPND (LAT 28 06 01 LONG 082 46 05.01)

APR , 1979					JUN , 1979				
24...	1105	3500	24.0	890	21...	1330	3700	26.0	870

280601082461301 - PINCO NWSTP 708 BPND (LAT 28 06 01 LONG 082 46 13.01)

DEC , 1978				
14...	1035	1030	19.7	130

280614082462301 - PINCO NWSTP 604 HILS (LAT 28 06 14 LONG 082 46 23.01)

DEC , 1978					APR , 1979				
13...	0130	635	20.0	64	23...	1030	--	--	64
FEB , 1979					JUN				
21...	1510	--	--	49	21...	1140	540	24.0	40

280618082454001 - PINCO NWSTP 31 (LAT 28 06 18 LONG 082 45 40.01)

DEC , 1978					APR , 1979				
13...	1235	695	23.5	37	24...	1015	450	23.5	56
FEB , 1979					JUN				
22...	1030	490	23.5	26	19...	1440	860	24.0	70

280628082450701 - 2807.1 DEEP WELL NO.1 (LAT 28 06 28 LONG 082 45 07.01)

DEC , 1978					APR , 1979				
14...	1118	4928	18.0	1400	24...	0930	4600	23.5	1300
FEB , 1979					JUN				
21...	1330	2500	20.5	630	18...	1100	2050	23.0	430

280629082454204 - 629-542.4 (LAT 28 06 29 LONG 082 45 42.04)

DEC , 1978					JUN , 1979				
13...	1130	510	23.2	78	19...	1330	220	25.5	39
FEB , 1979									
22...	0910	470	22.0	83					



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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PINELLAS COUNTY

280629082454205 - 629-542.5 (LAT 28 06 29 LONG 082 45 42.05)

DEC , 1978					APR , 1979				
13...	1120	432	23.5	50	24...	1030	420	23.0	46
FEB , 1979					JUN				
22...	0920	410	22.0	42	19...	1300	440	24.5	48

280630082415401 - GOLF COURSE DEEP WELL M-5 NEAR TARPON SPNGS., FL. (LAT 28 06 30 LONG 082 41 54.01)

JAN , 1979					JAN , 1979				
10...	1005	1700	25.0	560	10...	1130	3680	26.0	1000
10...	1025	1680	25.5	370					
10...	1050	1940	25.5	470					

280631082454504 - 631-545.4 (LAT 28 06 31 LONG 082 45 45.04)

DEC , 1978					APR , 1979				
13...	1100	595	27.0	120	24...	1045	--	--	140
FEB , 1979					JUN				
22...	0850	1100	21.0	120	18...	1000	950	24.5	92

280634082453405 - 27S15E25 INNISBROOK 144 (LAT 28 06 34 LONG 082 45 34.05)

DEC , 1978					JUN , 1979				
14...	1145	1590	19.0	400	19...	1415	990	25.0	170
APR , 1979									
24...	0945	--	--	300					

280637082461201 - PINCO NWSTP 3915 DESOTO (LAT 28 06 37 LONG 082 46 12.01)

DEC , 1978					APR , 1979				
14...	0950	518	19.2	58	23...	1000	--	--	49
FEB , 1979					JUN				
21...	1415	575	23.6	47	21...	1120	550	25.0	42

280647082461401 - PINCO NWST 811 HARRY (LAT 28 06 47 LONG 082 46 14.01)

DEC , 1978					APR , 1979				
14...	0930	405	21.0	36	23...	0930	--	--	22
FEB , 1979					JUN				
21...	1400	420	25.0	43	21...	1000	460	25.0	34

280734082442101 - ROMP DP WELL 15-3 AT TARPON SPRINGS, FL. (LAT 28 07 34 LONG 082 44 21.01)

NOV , 1978					MAY , 1979				
17...	1030	5800	25.0	720	22...	0820	5150	25.0	740
JAN , 1979					SEP				
09...	1150	4690	25.0	720	19...	1005	4400	25.5	760
MAR									
21...	1130	5200	26.0	820					

280747082452001 - ROMP DP WELL 15-2 AT TARPON SPRINGS, FL. (LAT 28 07 47 LONG 082 45 20.01)

OCT , 1978					MAR , 1979				
16...	1145	848	24.5	180	26...	1355	730	24.0	170
DEC					JUN				
06...	1625	696	25.5	160	07...	0815	745	26.0	170
FEB , 1979					JUL				
01...	1005	690	24.5	170	31...	1110	639	25.0	140

GROUND WATER QUALITY RECORDS  
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TEMPERATURE, CONDUCTANCE  
AND CHLORIDE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPF- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
PINELLAS COUNTY									
280753082465201 - ROMP DP WELL 15-1 AT TARPON SPRINGS, FL. (LAT 28 07 53 LONG 082 46 52.01)									
OCT , 1978					MAR , 1979				
16...	1030	2480	24.5	630	30...	1305	3120	24.5	740
DEC					JUN				
06...	1550	2390	25.0	600	06...	1415	2280	24.5	520
FEB , 1979					JUL				
01...	1120	2340	24.0	580	31...	1220	2150	25.5	526
280846082414301 - PINELLAS D. WELL 028 SOUTH NR TARPON SGS. (LAT 28 08 46 LONG 082 41 43.01)									
JAN , 1979					JAN , 1979				
09...	1515	715	24.5	63	09...	1615	20600	25.5	7500
09...	1540	1308	25.5	400					
280852082414301 - N. LK TARPON WELL NR TARPON SGS, FLA (LAT 28 08 52 LONG 082 41 43.01)									
OCT , 1978					MAR , 1979				
13...	1420	34100	27.0	12000	28...	1315	33500	27.0	12000
31...	1240	34800	26.5	12000	APR				
DEC					23...	1340	32100	23.5	12000
05...	1555	33700	26.0	12000	JUN				
JAN , 1979					06...	1125	33700	27.0	12000
04...	1515	33900	26.5	13000	28...	0900	33700	26.5	13000
FEB					AUG				
01...	1345	31000	25.0	12000	03...	0900	34400	27.0	12800
27...	1247	32600	25.5	12000	28...	1400	33200	27.0	12000
280904082400302 - EW MONITOR 3A DP WELL NR TARPON SPRINGS, FL (LAT 28 09 04 LONG 082 40 03.02)									
JAN , 1979					JAN , 1979				
09...	1225	1850	25.0	220	09...	1320	2150	25.5	240
09...	1250	2080	25.5	240					
280907082424801 - TARPON RD D. WELL NR TARPON SPRINGS, FLA (LAT 28 09 07 LONG 082 42 48.01)									
OCT , 1978					MAR , 1979				
16...	1410	532	25.5	54	28...	1445	575	25.0	51
31...	0915	522	25.5	52	APR				
DEC					23...	1315	562	22.5	50
06...	1450	545	26.0	55	JUN				
JAN , 1979					07...	1115	538	25.0	52
04...	1440	539	26.5	56	27...	1000	500	24.5	55
FEB					AUG				
01...	1310	560	25.0	49	01...	1210	520	25.5	54
27...	0845	577	24.5	52	28...	1315	501	25.0	52
280944082390801 - EW MONITOR N1 DP WELL NR TARPON SPRINGS, FL (LAT 28 09 44 LONG 082 39 08.01)									
DEC , 1978					DEC , 1978				
19...	1045	1290	25.5	54	19...	1230	3550	26.0	14000
19...	1130	1860	26.0	110					

GROUND WATER QUALITY RECORDS  
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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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POLK COUNTY

275314081514201 - BARTOW AVON PARK WELL AT BARTOW, FL. (LAT 27 53 14 LONG 081 51 42.01)

NOV , 1978	MAR , 1979
21... 1000 2800 25.5 110	20... 1000 3400 24.5 120
JAN , 1979	MAY
17... 1045 4690 22.0 760	23... 1125 1100 25.0 2500
26... 1300 4150 21.5 480	JUL
26... 1315 2800 22.5 28	17... 1035 4200 25.5 490
26... 1350 2330 21.5 30	SEP
26... 1430 680 22.0 12	13... 1502 3180 27.0 180
26... 1450 320 21.5 9.8	
26... 1500 310 21.0 10	

275408081595702 - KAISER ANNULUS MONITOR A DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.02)

OCT , 1978	MAY , 1979
06... 1030 9100 -- 1800	04... 1115 -- -- 2100
JAN , 1979	SEP
22... 1015 7100 24.5 1700	28... 1400 8800 29.0 1900

275408081595703 - KAISER ANNULUS MONITOR B DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.03)

OCT , 1978	MAY , 1979
06... 1100 3100 -- 40	03... 1045 -- -- 33
JAN , 1979	SEP
22... 1000 3100 25.5 45	28... 1415 2820 29.0 40

275430082000401 - KAISER SATELLITE MON NO. 1 NR MULBERRY (LAT 27 54 30 LONG 082 00 04.01)

OCT , 1978	MAY , 1979
06... 1245 145000 -- 75000	04... 1230 120000 31.0 78000
JAN , 1979	SEP
22... 1030 114000 28.0 75000	28... 1130 114000 30.0 66000

275625081543801 - LAKELAND HIGHLAND GR#4 DP WELL NR HIGHLANDS CITY (LAT 27 56 25 LONG 081 54 38.01)

APR , 1979	
26... 1215 215 27.0 11	

275706081552702 - LAKELAND RIDGE GROVE #5 DP WELL NR HIGHLAND CITY (LAT 27 57 06 LONG 081 55 27.02)

APR , 1979	
26... 1445 213 29.0 9.2	

275734081564501 - LAKELAND RIDGE GROVE 21 DP WELL NR LAKELAND (LAT 27 57 34 LONG 081 56 45.01)

APR , 1979	
26... 1100 225 27.0 14	

SARASOTA COUNTY

265834082202402 - ENGLEWOOD W.D. WELL 14A NEAR ENGLEWOOD, FL (LAT 26 58 34 LONG 082 20 24.02)

FEB , 1979	
08... 1430 -- -- 5.6	

270139082240801 - JAPANESE GARDENS DEEP WELL (LAT 27 01 39 LONG 082 24 08.01)

MAR , 1979	
14... 1455 460 25.5 48	

270319082160601 - DIEGEL JACKMAN (LAT 27 03 19 LONG 082 16 06.01)

OCT , 1978	
13... 1600 1160 -- 410	

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TEMPERATURE, CONDUCTANCE  
AND CHLORIDE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
SARASOTA COUNTY									
270332082143801 - JOCKEY CLUB ENTRANCE (LAT 27 03 32 LONG 082 14 38.01)									
OCT , 1978					OCT , 1978				
13...	1300	3920	--	970	18...	1500	1690	--	700
270343082141901 - JOCKEY CLUB REC CENTER (LAT 27 03 43 LONG 082 14 19.01)									
OCT , 1978									
13...	0915	1300	--	420					
270543082261706 - VENICE USGS TEST WELL 40 (LAT 27 05 43 LONG 082 26 17.06)									
FEB , 1979									
08...	1140	--	--	93					
270543082261902 - USGS 36 VENICE (LAT 27 05 43 LONG 082 26 19.02)									
FEB , 1979									
02...	1300	--	--	150					
270710082092101 - GEN. DEVELOPMENT WELL NR N PORT CHARLOTTE (LAT 27 07 10 LONG 082 09 21.01)									
JAN , 1979									
25...	1200	--	--	510					
270802082075501 - WALTON RANCH (LAT 27 08 02 LONG 082 07 55.01)									
JAN , 1979									
25...	1300	--	--	190					
270944082264901 - MISSION VALLEY COUNTRY CLUB (LAT 27 09 44 LONG 082 26 49.01)									
MAY , 1979									
25...	1045	2850	27.0	140					
271131082282301 - TROUTMAN LONGBOW D. WELL (LAT 27 11 31 LONG 082 28 23.01)									
JAN , 1979									
11...	1000	2400	--	90					
271134082092202 - BIG SLOUGH SHALLOW WELL NEAR ARCADIA, FL. (LAT 27 11 34 LONG 082 09 22.02)									
FEB , 1979									
02...	1130	--	--	69					
271137082074801 - SWFWMD R-18-1 (LAT 27 11 37 LONG 082 07 48.01)									
MAY , 1979					JUL , 1979				
08...	0835	770	--	58	17...	0930	750	28.0	51
271332082293801 - HAWKINS LIVINGSTONE (LAT 27 13 32 LONG 082 29 38.01)									
OCT , 1978									
10...	0840	--	--	97					
271550082320501 - GUEST MEADOWOOD (LAT 27 15 50 LONG 082 32 05.01)									
DEC , 1978									
11...	1300	2280	24.0	400					
271551082233701 - GATOR CREEK GOLF CLUB -- SOUTH/DEEP WELL (LAT 27 15 51 LONG 082 23 37.01)									
MAY , 1979									
23...	1630	3100	31.5	140					

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TEMPERATURE, CONDUCTANCE  
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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
SARASOTA COUNTY									
271601082330501 - ROMP TR 6-1 HAWTHORN WELL NEAR SARASOTA FL (LAT 27 16 01 LONG 082 33 05.01)									
JUN , 1979					AUG , 1979				
06...	1600	--	--	460	31...	0830	2340	25.5	260
28...	1850	2380	25.5	270					
271608082280201 - CADDY GROVE WELL 21 NR SARASOTA,FLA (LAT 27 16 08 LONG 082 28 02.01)									
FEB , 1979									
02...	0900	--	--	49					
271616082271601 - WINDWARD ISLES MHP (LAT 27 16 16 LONG 082 27 16.01)									
NOV , 1978									
21...	1300	710	--	49					
271747082320401 - THOMPSON HANSON (LAT 27 17 47 LONG 082 32 04.01)									
NOV , 1978									
09...	1130	--	25.0	96					
271757082241301 - BEE RIDGE WELL 15 NR SARASOTA,FLA (LAT 27 17 57 LONG 082 24 13.01)									
FEB , 1979									
01...	1515	--	--	72					
271914082342601 - 36S17E26 719234431 323 (LAT 27 19 14 LONG 082 34 26.01)									
MAY , 1979									
23...	1440	1410	30.5	120					
271959082270901 - TROUTMAN EMR DEEP (LAT 27 19 59 LONG 082 27 09.01)									
JAN , 1979									
11...	1500	795	--	66					
272043082251701 - THOMPSON CASTLE (LAT 27 20 43 LONG 082 25 17.01)									
OCT , 1978									
04...	1430	--	--	83					
272049082324401 - CITY OF SARA 11THST AND OREGON (LAT 27 20 49 LONG 082 32 44.01)									
APR , 1979									
06...	1200	--	--	280					
272102082324001 - 15TH ST AND COCONUT (LAT 27 21 02 LONG 082 32 40.01)									
JAN , 1979									
22...	1145	--	--	2400					
272122082330801 - CITY OF SARASOTA -- 22ND ST. & THE BAY (LAT 27 21 22 LONG 082 33 08.01)									
MAY , 1979									
23...	1445	1950	29.2	190					
272222082283201 - HORACE SUTCLIFFE (LAT 27 22 22 LONG 082 28 32.01)									
DEC , 1978									
06...	1700	397	24.0	33					
272255082172202 - KME RECHARGE WELL NEAR VERNA,FLA (LAT 27 22 55 LONG 082 17 22.01)									
JUN , 1979									
06...	1145	--	--	22					

GROUND WATER QUALITY RECORDS  
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AND CHLORIDE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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SUMTER COUNTY

284208082054601 - 84220502 20S22E34 JC 19 C H BEVILLE (LAT 28 42 08 LONG 082 05 46.01)

JAN , 1979

29... 1430 820 24.2 8.8

285207082014501 - 85220101 19S23E05 JC 57 CITY OF WILDWOOD (LAT 28 52 07 LONG 082 01 45.01)

JAN , 1979

31... 1520 349 23.4 12



## GROUND WATER QUALITY RECORDS

## Field Measurements

Data in this section include the following parameters:

Depth  
Specific Conductance  
Ph  
Temperature  
Bicarbonate

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 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
CHARLOTTE COUNTY											
270152082002801 - DEEP CR WELL NO 917 NR PT CHARLOTTE, FLA (LAT 27 01 52 LONG 082 00 28.01)											
OCT , 1978						APR , 1979					
03...	--	1470	7.2	27.5	140	09...	--	1460	7.6	26.0	140
NOV						JUN					
29...	--	1505	7.8	26.5	130	06...	--	1710	7.7	26.0	130
JAN , 1979						AUG					
31...	--	1450	7.8	25.5	136	02...	--	1430	7.5	26.0	140
270152082002802 - DEEP CR WELL NO 575 NR PT CHARLOTTE, FLA (LAT 27 01 52 LONG 082 00 28.02)											
OCT , 1978						APR , 1979					
03...	--	1460	7.0	26.5	120	09...	--	1420	7.7	28.0	120
NOV						JUN					
29...	--	1560	7.8	26.0	120	06...	--	1500	7.7	26.0	130
JAN , 1979						AUG					
31...	--	1495	7.7	25.0	125	02...	--	1450	7.4	26.0	130
270152082002803 - DEEP CR WELL NO 270 NR PT CHARLOTTE, FLA (LAT 27 01 52 LONG 082 00 28.03)											
OCT , 1978						APR , 1979					
03...	--	1540	7.4	26.0	130	09...	--	1600	7.6	27.0	130
NOV						JUN					
29...	--	1660	7.5	26.5	130	06...	--	1830	7.6	24.5	120
JAN , 1979						AUG					
31...	--	1510	7.5	25.0	130	02...	--	1530	7.1	25.0	130
CITRUS COUNTY											
285102082204001 - 85122001 19S20E07 851220343 INVERNESS (LAT 28 51 02 LONG 082 20 40.01)											
JAN , 1979											
25...	450	378	7.4	24.0	210						
285112082354401 - ROMP DEEP WELL TR21-2 NEAR HOMOSASSA SGS, FL (LAT 28 51 12 LONG 082 35 44.01)											
JUL , 1979						SEP , 1979					
19...	105	905	--	25.0	--	12...	105	930	--	26.0	--
285234082341901 - ROMP DEEP WELL 21-3 NEAR CRYSTAL RIVER, FL (LAT 28 52 34 LONG 082 34 19.01)											
JUL , 1979						SEP , 1979					
19...	243	2450	--	25.0	--	12...	240	329	--	25.0	--
285350082162802 - 85321602 18S20E26 DONALD FELLS (LAT 28 53 50 LONG 082 16 28.02)											
OCT , 1978											
18...	--	570	7.4	22.5	330						
285654082350101 - 85623501 18S17E03 GERRITS WELL NR CITRONELLE (LAT 28 56 54 LONG 082 35 01.01)											
FEB , 1979											
01...	108	280	7.2	23.8	140						
285720082201301 - 85722001 18S20E32 ROMP WELL-TSALA APOPKA DAM (LAT 28 57 20 LONG 082 20 13.01)											
JAN , 1979											
31...	43	380	6.9	23.3	220						
285930082283701 - 85922801 17S18E22 CITRUS SPRINGS GC MAIN (LAT 28 59 30 LONG 082 28 37.01)											
OCT , 1978											
19...	--	238	7.2	23.5	130						
290010082321601 - 90023201 17S17E13 G P DOLAN (LAT 29 00 10 LONG 082 32 16.01)											
OCT , 1978											
19...	--	214	7.5	25.0	98						

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

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DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
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CITRUS COUNTY

290027082370701 - 90023701 17S17E07 SCF 177 P D NICHOLS (LAT 29 00 27 LONG 082 37 07.01)  
OCT , 1978  
19... -- 402 7.2 23.0 230

290041082265101 - 90022601 17S18E12 SECTION 12 MINE WELL (LAT 29 00 41 LONG 082 26 51.01)  
JAN , 1979  
25... 340 3100 6.8 23.0 140

290115082401001 - 90124002 17S16E03 SCF 179 HAVEN MOTEL (LAT 29 01 15 LONG 082 40 10.01)  
OCT , 1978  
19... -- 520 7.1 23.0 290

290117082404501 - 90124007 17S16E11 JOHN E COCKE (LAT 29 01 17 LONG 082 40 45.01)  
OCT , 1978  
19... 150 469 6.9 24.0 290

290152082312201 - 90123101 17S18E06 GLENN A BLAND (LAT 29 01 52 LONG 082 31 22.01)  
OCT , 1978  
19... -- 130 8.3 24.5 45

290159082285102 - 90122802 17S18E03 REUMAN NEW WELL (LAT 29 01 59 LONG 082 28 51.02)  
OCT , 1978  
19... -- 198 7.7 2.4 110

290216082292001 - 90222901 16S18E33 CE 77 U S GEOL SURVEY (LAT 29 02 16 LONG 082 29 20.01)  
MAY , 1979  
03... -- 187 7.7 24.5 --

290224082275001 - 90222703 16S18E35 S DUNNELLON WATER USERS (LAT 29 02 24 LONG 082 27 50.01)  
OCT , 1978  
19... -- 262 7.6 23.0 --

DE SOTO COUNTY

270726081542701 - ROBERT NORRIS DP WELL #1 NR NOCATEE (LAT 27 07 26 LONG 081 54 27.01)  
APR , 1979  
25... 1050 728 -- 29.0 --

271230081404009 - DESOTO CORRECTIONAL INST TREATED NR ARCADIA, FLA (LAT 27 12 30 LONG 081 40 40.09)  
FEB , 1979  
01... -- 570 9.1 17.0 130

271253081502901 - ARCADIA WATER SUPPLY UNTREATED (LAT 27 12 53 LONG 081 50 29.01)  
AUG , 1979  
23... -- 655 7.3 26.0 --

HARDEE COUNTY

271746081394401 - TRG WELL NO. 06 NR ARCADIA, FLA. (LAT 27 17 46 LONG 081 39 44.01)  
APR , 1979  
25... 765 720 -- 26.0 --

272714081545901 - ROMP 31 AVON PARK WELL NR ONA, FLA. (LAT 27 27 14 LONG 081 54 59.01)

JAN , 1979	17...	1135	620	--	27.0	--	MAY , 1979	23...	1140	640	--	24.5	--
MAR	20...	1150	560	--	27.5	--	JUL	17...	1135	560	--	28.0	--
APR	13...	1130	612	--	28.0	--	SEP	13...	1135	612	--	28.0	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
HARDEE COUNTY											
272714081545902 - ROMP 31 HAWTHORN WELL NR ONA, FLA. (LAT 27 27 14 LONG 081 54 59.02)											
JAN , 1979						JUL , 1979					
17...	339	1060	--	26.0	--	17...	340	1010	--	26.0	--
MAR						SEP					
20...	350	1040	--	28.0	--	13...	340	1120	--	27.5	--
MAY											
23...	340	1210	--	26.0	--						
273249081480501 - WAUCHULA WATER SUPPLY UNTREATED (LAT 27 32 49 LONG 081 48 05.01)											
AUG , 1979											
24...	--	765	7.4	28.0	--						
HERNANDO COUNTY											
282605082345801 - ROMP WELL 97 NEAR SPRING HILL, FL (LAT 28 26 05 LONG 082 34 58.01)											
JUL , 1979						SEP , 1979					
19...	350	540	--	25.5	--	12...	350	290	--	25.5	--
282742082375901 - ROMP DEEP WELL 18-1 NR ARIPEKA, FL. (LAT 28 27 42 LONG 082 37 59.01)											
MAY , 1979						SEP , 1979					
22...	575	225	--	25.0	--	12...	575	232	--	25.5	--
JUL											
19...	574	202	--	26.0	--						
283537082151501 - R3521501 22S20E12 ROMP 103 NR BROOKSVILLE (LAT 28 35 37 LONG 082 15 15.01)											
JAN , 1979											
28...	184	182	8.2	23.0	85						
HILLSBOROUGH COUNTY											
273845082314001 - SW HILLS CO 5 NR RUSKIN (LAT 27 38 45 LONG 082 31 40.01)											
MAY , 1979											
21...	--	1100	7.3	30.0	--						
274030082285201 - SW HILLS CO 18 NR RUSKIN (LAT 27 40 30 LONG 082 28 52.01)											
MAY , 1979											
21...	--	770	7.6	30.0	--						
274221082282401 - SW HILLS CO 54 NR RUSKIN (LAT 27 42 21 LONG 082 28 24.01)											
MAY , 1979											
21...	--	1200	7.8	30.5	--						
274252082232401 - RUSKIN #10(SW HILLS CO 67) NR RUSKIN (LAT 27 42 52 LONG 082 23 24.01)											
MAY , 1979											
21...	--	810	7.7	29.5	--						
2743220822202601 - SUN CITY #5(SW HILLS CO 79) NR WIMAUMA (LAT 27 43 22 LONG 082 20 26.01)											
MAY , 1979											
21...	--	565	7.8	29.5	--						
274406082240701 - SW HILLS CO 90 AT RUSKIN (LAT 27 44 06 LONG 082 24 07.01)											
MAY , 1979											
22...	--	680	7.7	26.5	--						
274423082142201 - ROBBY THOMAS DP WELL NR BALM (LAT 27 44 23 LONG 082 14 22.01)											
APR , 1979											
30...	912	471	--	27.0	--						

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

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DATE	SAMP- LING DEPTH (FT) (000003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (000095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HC03) (00440)	DATE	SAMP- LING DEPTH (FT) (000003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (000095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HC03) (00440)
HILLSBOROUGH COUNTY											
274543082234001 - SW HILLS CO WELL 118 NR RUSKIN (LAT 27 45 43 LONG 082 23 40.01)											
MAY , 1979											
21...	--	920	7.6	29.0	--						
274640082231001 - PAUL ELLSBERRY DP WELL NR GIBSONTON (LAT 27 46 40 LONG 082 23 10.01)											
APR , 1979											
30...	400	721	--	29.0	--						
274904082194701 - RIVERVIEW #6(SW HILLS CO 207) NR RIVERVIEW (LAT 27 49 04 LONG 082 19 47.01)											
MAY , 1979											
22...	--	695	7.6	29.5	--						
274915082190402 - SW HILLS CO 213 NR RIVERVIEW (LAT 27 49 15 LONG 082 19 04.02)											
MAY , 1979											
22...	--	--	7.4	30.5	--						
274959082210801 - SW HILLS CO 229 NR RIVERVIEW (LAT 27 49 59 LONG 082 21 08.01)											
MAY , 1979											
22...	--	380	7.4	30.5	--						
275210082171001 - MCMULLEN CAMPGROUND SO E RIVERVIEW FLA (LAT 27 52 10 LONG 082 17 10.01)											
MAY , 1979											
22...	--	425	7.8	31.0	--						
275223082195001 - E. BRADBURN AT RIVERVIEW (LAT 27 52 23 LONG 082 19 50.01)											
MAY , 1979											
22...	--	440	7.7	28.0	--						
275326082235101 - HUCO INC NR RIVERVIEW (LAT 27 53 26 LONG 082 23 51.01)											
MAY , 1979											
23...	--	3350	7.1	26.0	--						
275337082192601 - WARNERS NURSERY NR RIVERVIEW (LAT 27 53 37 LONG 082 19 26.01)											
AUG , 1979											
08...	90	760	--	--	--						
275338082134201 - WRIGHT DEEP WELL NR VALRICO (LAT 27 53 38 LONG 082 13 42.01)											
AUG , 1979											
08...	170	365	--	21.0	--						
275346082172201 - ALDERMAN D. WELL NEAR BRANDON,FL (LAT 27 53 46 LONG 082 17 22.01)											
OCT , 1978											
18...	--	470	7.9	24.5	162						
275351082172001 - EASTERLING D. WELL NEAR BRANDON,FL (LAT 27 53 51 LONG 082 17 20.01)											
OCT , 1978											
18...	--	415	6.7	24.5	300						
275404082095301 - CARL CARPENTER DP WELL AT PLEASANT GROVE,FLA. (LAT 27 54 04 LONG 082 09 53.01)											
APR , 1979											
30...	700	437	--	32.0	--						
275417082190901 - PURITY DAIRY 2 NR RIVERVIEW (LAT 27 54 17 LONG 082 19 09.01)											
MAY , 1979											
22...	--	400	7.6	29.0	--						

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
HILLSBOROUGH COUNTY											
275423082220801 - TOWER DAIRY 2 NR RIVERVIEW (LAT 27 54 23 LONG 082 22 08.01)											
MAY , 1979 23...	--	1160	7.2	26.0	--						
275426082154701 - BRANDON 12 HI POINT (LAT 27 54 26 LONG 082 15 47.01)											
AUG , 1979 06...	350	352	--	23.0	--						
275427082221001 - TOWER DAIRY 1 NR RIVERVIEW (LAT 27 54 27 LONG 082 22 10.01)											
MAY , 1979 23...	--	682	7.3	26.0	--						
275443082224001 - JAMES BYRD NR RIVERVIEW (LAT 27 54 43 LONG 082 22 40.01)											
MAY , 1979 23...	--	805	7.2	27.0	--						
275509082240501 - FLA PETROL TANK SERVICE NR RIVERVIEW (LAT 27 55 09 LONG 082 24 05.01)											
MAY , 1979 23...	--	1360	7.2	27.0	--						
275528082233701 - KELLY NR RIVERVIEW (LAT 27 55 28 LONG 082 23 37.01)											
MAY , 1979 23...	--	--	7.4	29.0	--						
275536082171101 - BRANDON 10 MOORE (LAT 27 55 36 LONG 082 17 11.01)											
AUG , 1979 06...	430	390	--	25.0	--						
275547082211701 - JOE SUAREZ 2 NR RIVERVIEW (LAT 27 55 47 LONG 082 21 17.01)											
MAY , 1979 23...	--	--	7.7	30.0	--						
275611082211101 - SEABOARD UTILITIES #7 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 11.01)											
MAY , 1979 23...	--	605	7.5	25.0	--						
275611082211701 - SEABOARD UTILITIES #8 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 17.01)											
MAY , 1979 23...	--	860	7.4	25.0	--	AUG , 1979 08...	302	395	--	20.0	--
275611082213801 - SEABOARD UTILITIES #2 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 38.01)											
MAY , 1979 23...	--	800	7.5	25.0	--						
275623082194201 - CAREY CATTLE SALES NR VALRICO (LAT 27 56 23 LONG 082 19 42.01)											
MAY , 1979 23...	--	333	7.5	28.5	--						
275629082234001 - PALM RIVER WELL 5 AT TAMPA,FLA (WQ-04) (LAT 27 56 29 LONG 082 23 40.01)											
MAY , 1979 14...	--	610	--	25.0	280						



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

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DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
HILLSBOROUGH COUNTY											
275638082163101 - BRANDON RAINBOW 1 (LAT 27 56 38 LONG 082 16 31.01)											
AUG , 1979 06...	480	345	--	23.0	--						
275657082201001 - GADD CONCRETE NR VALRICO (LAT 27 56 57 LONG 082 20 10.01)											
MAY , 1979 23...	--	410	7.5	29.0	--						
275701082230303 - USCE WELL TBC-13 AT TAMPA, FLA (LAT 27 57 01 LONG 082 23 03.03)											
MAY , 1979 14...	--	820	--	23.0	210						
275707082181701 - BRANDON 14 BATES (LAT 27 57 07 LONG 082 18 17.01)											
AUG , 1979 06...	350	370	--	21.0	--						
275724082221001 - STRUCTURE 160 WELL NEAR TAMPA,FL. (LAT 27 57 24 LONG 082 22 10.01)											
JAN , 1979 29...	165	740	--	23.0	--	MAY , 1979 14...	--	740	--	23.0	180
275747082184001 - BRANDON 17 LAKEWOOD (LAT 27 57 47 LONG 082 18 40.01)											
AUG , 1979 06...	360	355	--	24.0	--						
275801082131401 - CARR WELL NR DOVER (LAT 27 58 01 LONG 082 13 14.01)											
AUG , 1979 08...	120	370	--	20.5	--						
275838082165501 - BRANDON 22 BANDY (LAT 27 58 38 LONG 082 16 55.01)											
AUG , 1979 06...	350	340	--	21.5	--						
275856082210301 - USCE TEST WELL 25-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03.01)											
MAY , 1979 16...	--	240	--	22.5	110						
275858082215201 - USCE WELL TBC-14 NR TAMPA, FLA (LAT 27 58 58 LONG 082 21 52.01)											
MAY , 1979 16...	--	380	--	24.0	200						
275942082153101 - VET'S WHSE NURSERY DP WELL NR SEFFNER (LAT 27 59 42 LONG 082 15 31.01)											
AUG , 1979 08...	260	320	--	20.5	--						
275945082122801 - DOVER TURKEY CK FIRE DEPT DP WELL NR DOVER (LAT 27 59 45 LONG 082 12 28.01)											
AUG , 1979 08...	300	290	--	21.0	--						
280005082181001 - BRANDON 21 ALSO 579 (LAT 28 00 05 LONG 082 18 10.01)											
AUG , 1979 04...	250	320	--	21.0	--						

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
HILLSBOROUGH COUNTY											
280012082204901 - USCE WELL TBC-05 NR TEMPLE TERRACE, FLA (LAT 28 00 12 LONG 082 20 49.01)											
MAY , 1979 16...	--	370	--	23.0	150						
280028082173901 - NE 4 (LAT 28 00 28 LONG 082 17 39.01)											
FEB , 1979 02...	--	150	9.8	18.0	--	JUN , 1979 15...	--	160	9.4	26.0	--
280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE, FL. (LAT 28 00 30 LONG 082 19 08.01)											
MAY , 1979 16...	--	308	--	23.0	140						
280034082172801 - NE 21 (LAT 28 00 34 LONG 082 17 28.01)											
FEB , 1979 02...	--	425	7.0	14.1	--	MAY , 1979 31...	--	510	7.0	26.5	--
280034082172802 - NORTHEAST 21A (LAT 28 00 34 LONG 082 17 28.02)											
FEB , 1979 02...	--	350	7.1	15.5	--	MAY , 1979 31...	--	500	6.9	26.0	--
280034082173001 - NORTHEAST LF 23 (LAT 28 00 34 LONG 082 17 30.01)											
FEB , 1979 02...	--	380	7.0	15.0	--	MAY , 1979 31...	--	420	7.1	26.5	--
280038082204201 - EVRGLDS AQTC NRSRY WELL ES-55(#608)NR TT (WQ-10) (LAT 28 00 38 LONG 082 20 42.01)											
MAY , 1979 16...	--	380	--	22.0	170						
280043082173001 - NE 20 (LAT 28 00 43 LONG 082 17 30.01)											
FEB , 1979 02...	--	330	7.7	17.0	--	MAY , 1979 31...	--	310	7.8	25.5	--
280053082140101 - DOVER AG CENTER DP WELL NR DOVER (LAT 28 00 53 LONG 082 14 01.01)											
AUG , 1979 08...	300	345	--	21.0	--						
280054082150301 - GREEN ACRES BACK WELL NR DOVER (LAT 28 00 54 LONG 082 15 03.01)											
AUG , 1979 08...	120	455	--	24.5	--						
280055082222701 - USCE WELL TBC-09 AT TEMPLE TERRACE, FLA (LAT 28 00 55 LONG 082 22 27.01)											
MAY , 1979 16...	--	426	--	23.0	180						
280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)											
NOV , 1978 09...	--	420	7.2	23.0	--						
280103082210901 - USCE WELL TBC-06 NR TEMPLE TERRACE, FLA (LAT 28 01 03 LONG 082 21 09.01)											
MAY , 1979 16...	--	400	--	22.5	170						

GROUND WATER QUALITY RECORDS  
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FIELD MEASUREMENTS

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DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
HILLSBOROUGH COUNTY											
280107082173001 - NORTHEAST 22 (LAT 28 01 07 LONG 082 17 30.01)											
FEB , 1979 02...	--	325	7.5	17.0	--	MAY , 1979 31...	--	340	7.8	26.0	--
280108082071601 - PLANT CITY #3, FLA (LAT 28 01 08 LONG 082 07 16.01)											
AUG , 1979 30...	7.4	425	7.4	26.0	--						
280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)											
NOV , 1978 08...	--	365	7.5	23.5	--	JUN , 1979 14...	--	390	7.4	25.2	--
280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)											
NOV , 1978 08...	--	351	7.6	24.5	--	JUN , 1979 14...	--	390	7.5	25.5	--
280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)											
NOV , 1978 09...	--	302	7.7	23.0	--	JUN , 1979 14...	--	275	7.3	24.0	--
280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)											
NOV , 1978 09...	--	1760	5.9	23.0	--	JUN , 1979 14...	--	2200	5.5	24.0	--
280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)											
NOV , 1978 08...	--	318	7.6	25.0	--	JUN , 1979 14...	--	375	7.6	25.0	--
280116082205301 - USCE TEST WELL 2W-ES NR TEMPLE TERRACE (WQ-05) (LAT 28 01 16 LONG 082 20 53.01)											
MAY , 1979 16...	--	370	--	23.0	160						
280117082193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)											
NOV , 1978 08...	--	324	7.5	24.0	--						
280221082342901 - ROCKY CREEK LF 53 (LAT 28 02 21 LONG 082 34 29.01)											
NOV , 1978 06...	--	421	7.7	24.5	--	JUN , 1979 14...	--	400	7.3	24.8	--
280221082342902 - ROCKY CREEK L F 53A (LAT 28 02 21 LONG 082 34 29.02)											
NOV , 1978 06...	--	412	7.7	24.5	--	AUG , 1979 17...	--	420	7.2	27.5	--
JUN , 1979 14...	--	405	7.3	25.8	--						
280226082341201 - ROCKY CREEK LF 70 (LAT 28 02 26 LONG 082 34 12.01)											
NOV , 1978 07...	--	200	6.4	24.0	--						

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
HILLSBOROUGH COUNTY											
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)											
NOV , 1978						AUG , 1979					
07...	--	2520	7.5	25.0	--	17...	--	1850	6.1	27.5	--
JUN , 1979											
14...	--	2300	6.3	25.4	--						
280226082342503 - ROCKY CREEK 412B1 (LAT 28 02 26 LONG 082 34 25.03)											
NOV , 1978											
07...	--	750	5.2	25.5	--						
280228082335902 - ROCKY CREEK LF 74 (LAT 28 02 28 LONG 082 33 59.02)											
NOV , 1978											
07...	--	138	7.4	23.0	--						
280231082343601 - ROCKY CREEK LF 85 (LAT 28 02 31 LONG 082 34 36.01)											
NOV , 1978											
07...	--	375	8.9	25.5	--						
280231082343602 - ROCKY CREEK LF 84 (LAT 28 02 31 LONG 082 34 36.02)											
NOV , 1978											
07...	--	525	7.3	26.0	--						
280231082343603 - ROCKY CREEK LF 83 (LAT 28 02 31 LONG 082 34 36.03)											
NOV , 1978											
07...	--	370	8.8	25.0	--						
280235082335801 - ROCKY CREEK LF 98 (LAT 28 02 35 LONG 082 33 58.01)											
NOV , 1978						JUN , 1979					
06...	--	365	8.6	21.5	--	14...	--	420	7.4	24.1	--
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)											
NOV , 1978						JUN , 1979					
06...	--	385	8.4	22.0	--	14...	--	410	7.2	24.4	--
280254082232701 - TEMPLE TERRACE CITY WELL 7 (LAT 28 02 54 LONG 082 23 27.01)											
AUG , 1979											
30...	--	358	7.3	25.0	--						
280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02.01)											
MAY , 1979											
17...	--	457	--	23.0	220						
280354082381901 - ST PETE D. WELL E-101 NR CITRUS PARK, FLA (LAT 28 03 54 LONG 082 38 19.01)											
NOV , 1978						MAY , 1979					
16...	800	35000	--	26.5	--	25...	800	32200	--	24.5	--
JAN , 1979						JUN					
11...	800	36500	--	27.0	--	20...	800	32700	--	25.5	--
FEB						JUL					
12...	800	36800	--	--	--	16...	800	33000	--	27.0	--
MAR						AUG					
22...	800	37200	--	--	--	16...	800	35700	--	26.0	--
APR											
18...	800	34600	--	--	--						

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

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DATE	SAMP- LING DEPTH (FT) (000003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (000095)	PH (UNITS) (000400)	TEMPER- ATURE (DEG C) (000010)	BICAR- BONATE (MG/L AS HCO3) (000440)	DATE	SAMP- LING DEPTH (FT) (000003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (000095)	PH (UNITS) (000400)	TEMPER- ATURE (DEG C) (000010)	BICAR- BONATE (MG/L AS HCO3) (000440)
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HILLSBOROUGH COUNTY

280450082325509 - CARROLWOOD MEADOWS TREATED,PRIVATE RESIDENCE (LAT 28 04 50 LONG 082 32 55.09)

JAN , 1979	30...	--	358	7.2	15.5	230
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280504082365501 - ST PETE D. WELL E-102 NR CITRUS PARK, FLA (LAT 28 05 04 LONG 082 36 55.01)

OCT , 1978	18...	702	479	--	22.5	--		MAY , 1979	25...	690	562	--	25.0	--
NOV	16...	692	640	--	26.0	--		JUN	26...	690	660	--	24.5	--
JAN , 1979	11...	696	812	--	26.0	--		JUL	16...	695	940	--	26.0	--
MAR	21...	690	490	--	25.0	--		AUG	16...	690	530	--	25.5	--
APR	18...	695	552	--	24.5	--		SEP	11...	690	451	--	25.0	--

280548082355701 - ST PETE D. WELL E-100 NR CITRUS PARK, FLA (LAT 28 05 48 LONG 082 35 57.01)

NOV , 1978	16...	1185	11900	--	25.5	--		MAY , 1979	22...	1190	10900	--	25.0	--
JAN , 1979	11...	1190	10400	--	26.5	--		JUN	20...	1190	11700	--	24.5	--
FEB	12...	1190	10500	--	24.0	--		JUL	24...	1190	8550	--	26.0	--
MAR	21...	1190	11400	--	23.0	--		AUG	15...	1190	10400	--	27.0	--
APR	18...	1190	11400	--	25.0	--		SEP	11...	1190	10200	--	25.5	--

280605082184101 - MORRIS BRIDGE DP WELL 12 NR BRANCHTON,FL (LAT 28 06 05 LONG 082 18 41.01)

NOV , 1978	15...	500	630	--	26.0	--		JUL , 1979	20...	500	480	--	25.0	--
	15...	250	590	--	25.5	--			20...	250	300	--	24.5	--
MAR , 1979	23...	500	--	--	--	--		SEP	14...	250	580	--	25.5	--
	23...	250	--	--	--	--			14...	.5	570	--	25.0	--
MAY	21...	250	305	--	25.5	--								
	21...	500	608	--	25.0	--								

280611081371101 - HAINES CITY WELL 9 (LAT 28 06 11 LONG 081 37 11.01)

SEP , 1979	04...	--	298	7.8	26.0	--
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280614082411601 - E LAKE MONITOR M2 DP WELL NR TARPON SPRINGS,FL (LAT 28 06 14 LONG 082 41 16.01)

JAN , 1979	10...	510	4510	--	25.0	--		JUL , 1979	16...	510	4800	--	27.0	--
	10...	535	6280	--	25.0	--			16...	535	6550	--	25.5	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
HILLSBOROUGH COUNTY											
280652082195101 - MORRIS BRIDGE WF D. WELL 3C NR BRANCHTON (LAT 28 06 52 LONG 082 19 51.01)											
NOV , 1978						MAY , 1979					
15... 288		505	--	26.0	--	21... 1032		1980	--	26.0	--
15... 1038		2850	--	25.0	--	JUL					
JAN , 1979						20... 1030		2700	--	25.0	--
12... 1032		2900	--	26.0	--	SEP					
MAR						14... 1030		2800	--	27.0	--
23... 1030		--	--	--	--						
280659082175201 - MORRIS BRIDGE DP WELL 13 NR BRANCHTON (LAT 28 06 55 LONG 082 17 52.01)											
NOV , 1978						MAY , 1979					
15... 250		460	--	25.5	--	21... 250		417	--	25.5	--
JAN , 1979						JUL					
12... 250		520	--	25.5	--	20... 196		525	--	25.0	--
12... 290		550	--	25.5	--	SEP					
MAR						14... 150		640	--	26.5	--
22... 290		555	--	26.0	--						
280728082301101 - ST PETE DP WELL 21-7 NEAR LUTZ, FLA (LAT 28 07 28 LONG 082 30 11.01)											
NOV , 1978						MAY , 1979					
16... 1235		3150	--	25.0	--	25... 1240		2670	--	25.0	--
JAN , 1979						JUL					
11... 1235		3400	--	25.5	--	20... 1235		3150	--	27.0	--
MAR						SEP					
22... 1230		3050	--	25.0	--	14... 1290		2100	--	25.5	--
LEE COUNTY											
263117082051002 - 45S22E26 L-2821											
OCT , 1978						PINE ISLAND CT (LAT 26 31 17 LONG 082 05 10.02)					
26... --		2050	--	--	200	MAY , 1979					
						08... --		2170	7.6	27.5	190
263347082002601 - 45S23E09 L-1119											
MAY , 1979						PINE IS CENTER (LAT 26 33 47 LONG 082 00 26.01)					
10... --		1300	7.9	25.5	260						
263357081575602 - 45S23E12 L-2703											
MAY , 1979						FORT MYERS SW (LAT 26 33 57 LONG 081 57 56.02)					
10... --		1750	7.6	25.0	230						
263743082041201 - 44S22E24 L-2645											
MAY , 1979						MYTLACAA (LAT 26 37 43 LONG 082 04 12.01)					
08... --		1970	7.2	26.0	250						
263814082020701 - 44S23E1744S23E17 L-1058											
MAY , 1979						MATLACHA (LAT 26 38 14 LONG 082 02 07.01)					
08... --		2350	7.5	26.0	200						
263834082005301 - 44S23E16 L-781 (LAT 26 38 34 LONG 082 00 53.01)											
MAY , 1979											
08... --		1900	8.1	27.5	210						
264002082012801 - 44S23E05 L-2700											
MAY , 1979						MATLACHA FL (LAT 26 40 02 LONG 082 01 28.01)					
08... --		4000	7.4	27.5	170						
264009082085002 - 44S22E06 L-2820											
MAY , 1979						BOKEELIA FL (LAT 25 40 09 LONG 082 08 50.02)					
08... --		2500	7.3	26.5	180						



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
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DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
LEE COUNTY											
264054081592601 - 43S23E35 L1106						FT MYERS NW (LAT 26 40 54 LONG 081 59 26.01)					
MAY , 1979	07...	--	1130	7.3	26.0	280					
264055081583101 - 43S23E35 L-1109						FT MYERS NW (LAT 26 40 55 LONG 081 58 31.01)					
MAY , 1979	07...	--	770	7.2	25.5	290					
264120082022101 - 43S23E32 L-1113						MATLACHA (LAT 26 41 12 LONG 082 02 21.01)					
MAY , 1979	07...	--	4100	7.5	26.0	160					
264146081592301 - 43S23E35 L-1107						FT MYERS NW (LAT 26 41 46 LONG 081 59 23.01)					
MAY , 1979	08...	--	1080	8.0	26.0	250					
264241081582401 - 43S23E25 L-1110						FT MYERS NW (LAT 26 42 41 LONG 081 58 24.01)					
MAY , 1979	09...	--	1680	7.8	26.5	230					
264517082022101 - 43S23E07 L-1059						DUNTA GORDA SE (LAT 26 45 17 LONG 082 02 21.01)					
MAY , 1979	07...	--	1810	7.3	26.0	210					
LEVY COUNTY											
290118082364101 - 90123601 17S17E05 CE 70 USGS AT INGLIS LOCK (LAT 29 01 18 LONG 082 36 41.01)											
MAY , 1979	03...	--	490	7.0	21.0	--					
290205082421201 - 90224204 17S16E05 YANKEETOWN NO 3 (LAT 29 02 05 LONG 082 42 12.01)											
NOV , 1978	01...	52	625	7.5	23.5	310					
291250082341901 - 91223401 15S17E03 NORMA CARVER (LAT 29 12 50 LONG 082 34 19.01)											
OCT , 1978	19...	--	181	7.6	23.5	99					
291620082255101 - 91622501 14S19E07 JAMES BLITCH MORRISTON (LAT 29 16 20 LONG 082 25 51.01)											
OCT , 1978	31...	--	437	7.5	23.5	220					
MANATEE COUNTY											
272558082360601 - EL CONQUISTADOR BAY COUNTRY CLUB (LAT 27 25 58 LONG 082 36 06.01)											
MAY , 1979	11...	--	2400	7.2	28.0	--					
272701082283601 - UNIV. OF FLA. AG. RES. CNTR. EXPERIMENTAL FARM (LAT 27 27 01 LONG 082 28 36.01)											
MAY , 1979	11...	--	1120	7.4	28.0	--					
272727082191201 - TIM JORDAN DP WELL NR WATERBURY (LAT 27 27 27 LONG 082 19 12.01)											
APR , 1979	30...	1280	635	--	29.0	--					
272750082380701 - PALMA SOLA GOLF CLUB - SOUTH (LAT 27 27 50 LONG 082 38 07.01)											
MAY , 1979	23...	410	2700	--	28.0	--					

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

DATE	SAMP- LING DEPTH (FT) (000003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (000003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
MANATEE COUNTY											
272811082380101 - PALMA SOLA GOLF CLUB - NORTH (LAT 27 28 11 LONG 082 38 01.01)											
MAY , 1979 23...	408	2500	--	29.0	--						
273117082210201 - RUTLAND RANCH DP WELL NR PARRISH (LAT 27 31 17 LONG 082 21 02.01)											
MAY , 1979 01...	700	--	--	30.0	--						
273131082430301 - KEY ROYAL C C NEW WELL (LAT 27 31 31 LONG 082 43 03.01)											
MAY , 1979 11...	--	3250	7.2	28.0	--						
273340082353501 - PARKER - TERRA CEIA (LAT 27 33 40 LONG 082 35 35.01)											
MAY , 1979 11...	550	2400	--	29.0	--						
273531082150501 - H&G #1 DP WELL NR PARRISH+FLA. (LAT 27 35 31 LONG 082 15 05.01)											
APR , 1979 27...	1160	945	--	29.0	--						
273842082175001 - S W HILLSBOROUGH 3 NR WIMAUMA (LAT 27 38 42 LONG 082 17 50.01)											
MAY , 1979 22...	--	395	7.7	27.0	--						
MARION COUNTY											
285958082103901 - 85921002 17521E23 MARIOW OAKS NO 3 (LAT 28 59 58 LONG 082 10 39.01)											
OCT , 1978 19...	170	315	7.4	23.5	130						
290130082082001 - 90120801 17522E07 USGS OB WELL CE35 NR PEDRO FL (LAT 29 01 30 LONG 082 08 20.01)											
APR , 1979 30...	--	200	7.7	24.0	--						
290132082133001 - 90121301 17521E08 USGS OB WELL CE78 NR PEDRO FL (LAT 29 01 32 LONG 082 13 30.01)											
APR , 1979 30...	--	173	7.4	23.0	--						
290255082273601 - 90222702 16S18E35 CITY OF DUNNELLON NO 1 (LAT 29 02 55 LONG 082 27 36.01)											
NOV , 1978 01...	88	345	7.5	24.0	130						
290312082190601 - 90321901 16S20E33 CE 22 U S GEOL SURVEY (LAT 29 03 12 LONG 082 19 06.01)											
APR , 1979 30...	--	98	7.9	24.0	--						
290312082250801 - 90322501 16S19E32 CE 14 US GEOL SURVEY (LAT 29 03 12 LONG 082 25 08.01)											
JAN , 1979 30...	190	260	7.1	23.6	140	JAN , 1979 30...	--	260	7.1	23.6	--
290400082091001 - 90420901 16S21E25 USGS OB WELL CE33 NR OCALA FL (LAT 29 04 00 LONG 082 09 10.01)											
APR , 1979 30...	--	390	7.2	23.5	--						
290447082250901 - 90422501 16S19E20 CE 13 U S GEOL SURVEY (LAT 29 04 47 LONG 082 25 09.01)											
MAY , 1979 03...	--	252	7.5	23.5	--						

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

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DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
MARION COUNTY											
290552082044701 - 90520401 16522E14 USGS OB WELL CE81 NR SANTOS F (LAT 29 05 52 LONG 082 04 47.01)											
MAY , 1979											
02...	--	490	7.5	24.0	--						
290614082274801 - 90622701 16518E11 SCE 170 RAINBOWS END GOLF CRS (LAT 29 06 14 LONG 082 27 48.01)											
NOV , 1978											
01...	180	105	7.4	24.0	36						
290820082032001 - 90820301 15522E36 USGS OB WELL CE39 NR OCALA FL (LAT 29 08 20 LONG 082 03 20.01)											
MAY , 1979											
02...	--	260	7.7	24.0	--						
291056082263201 - 91022601 15518E13 HERSEL KYPER ROMEO (LAT 29 10 56 LONG 082 26 32.01)											
NOV , 1978											
01...	86	296	7.4	23.5	160						
291422082151201 - 91421503 14520E25 GOLDEN HILLS IRRIGATION (LAT 29 14 22 LONG 082 15 12.01)											
OCT , 1978											
19...	157	403	7.5	24.0	240						
291616082195001 - 91621901 14520E17 CE 19 FFS BLITCHTON (LAT 29 16 16 LONG 082 19 50.01)											
OCT , 1978											
31...	124	550	7.4	23.0	270						
PASCO COUNTY											
281053082310401 - ST PETE D. WELL 105 NR LAND O' LAKES, FLA (LAT 28 10 53 LONG 082 31 04.01)											
NOV , 1978						JUL , 1979					
16...	1350	28500	--	25.0	--	24...	1350	23700	--	24.5	--
JAN , 1979						SEP					
11...	1350	27000	--	26.0	--	12...	1340	28000	--	28.0	--
MAR											
22...	1350	26000	--	23.0	--						
281846082085501 - 81820801 25522E18 LARKIN CO. W/LOG (LAT 28 18 46 LONG 082 08 55.01)											
OCT , 1978											
18...	--	250	7.8	24.0	118						
281917082420901 - ROMP DEEP WELL TR 17-1 AT BAYONET POINT, FL (LAT 28 19 17 LONG 082 42 09.01)											
JUL , 1979						SEP , 1979					
19...	132	3200	--	27.0	--	13...	130	2620	--	25.0	--
281922082403901 - ROMP DEEP WELL TR 17-3 NEAR BAYONET POINT, FL (LAT 28 19 22 LONG 082 40 39.01)											
JUL , 1979						SEP , 1979					
19...	188	13900	--	27.0	--	13...	185	13200	--	25.5	--
281930082093701 - 81920901 25521E12 LYKES-PASCO FERTILIZER (LAT 28 19 30 LONG 082 09 37.01)											
OCT , 1978											
13...	--	243	7.6	24.0	110						
281936082112201 - 81921106 25521E10 TOMOAKLEY RESIDENCE (LAT 28 19 36 LONG 082 11 22.01)											
OCT , 1978											
17...	472	318	7.5	24.0	150						
282011082162701 - 82021601 25520E02 SAN ANTONIO PROD WELL (LAT 28 20 11 LONG 082 16 27.01)											
OCT , 1978											
12...	--	252	7.8	25.0	140						

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
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PASCO COUNTY

282038082112001 - 82021101 25521E03 EVANS MAIN PLANT WELL (LAT 28 20 38 LONG 082 11 20.01)

OCT , 1978  
12... 475 273 7.9 24.0 150

282147082113001 - 82121101 24521E27 DADE CITY NO 1 (LAT 28 21 47 LONG 082 11 30.01)

OCT , 1978  
13... 200 276 7.9 24.0 140

282155082132601 - 82121301 24521E29 SHUTTLE WEL (LAT 28 21 55 LONG 082 13 26.01)

OCT , 1978  
13... -- 254 7.5 24.0 97

282233082112202 - 82221112 24521E22 LYKES-PASCO NO.9 (LAT 28 22 33 LONG 082 11 22.02)

OCT , 1978  
17... 69 307 7.6 24.0 150

282235082111901 - 82221115 24521E22 LYKES-PASCO NO. 13 (LAT 28 22 35 LONG 082 11 19.01)

OCT , 1978  
17... 466 332 7.6 24.0 170

282346082114901 - 82321105 24521E15 SAPP WELL W/LOG (LAT 28 23 46 LONG 082 11 49.01)

OCT , 1978  
13... 240 221 8.0 24.0 120

282428082182801 - 82421801 24520E09 MOODY LAKE WELL (LAT 28 24 28 LONG 082 18 28.01)

OCT , 1978  
18... -- 276 7.8 23.5 150

282430082112101 - 82421102 24521E10 SELF WELL (LAT 28 24 30 LONG 082 11 21.01)

OCT , 1978  
13... -- 253 7.2 24.0 150

282717082142001 - 82721401 23521E30 ROSSINI WELL WEST OF TRILBY (LAT 28 27 17 LONG 082 14 20.01)

JAN , 1979  
26... 280 260 7.2 23.5 130

PINELLAS COUNTY

274259082405401 - WELL NUMBER A3 SW ST PETERSBURG INJ WELL 1120 (LAT 27 42 59 LONG 082 40 54.01)

AUG , 1979  
22... -- -- 7.1 28.6 --

274259082405402 - WELL NUMBER B6 SW ST PETERSBURG INJ MON 850 (LAT 27 42 59 LONG 082 40 54.02)

AUG , 1979  
22... -- 41000 7.2 28.0 --

274259082410202 - WELL NUMBER B2 SW ST PETERSBURG MON 1120 (LAT 27 42 59 LONG 082 41 02.02)

AUG , 1979  
21... -- 44000 7.0 26.5 --

274259082410203 - WELL NUMBER B3 SW ST PETERSBURG MON 851 (LAT 27 42 59 LONG 082 41 02.03)

AUG , 1979  
22... -- 34000 7.0 28.1 --

274259082410205 - WELL NUMBER B5 SW ST PETERSBURG MON 396 (LAT 27 42 59 LONG 082 41 02.05)

AUG , 1979  
22... -- 8500 7.4 25.3 --

GROUND WATER QUALITY RECORDS  
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FIELD MEASUREMENTS

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DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
PINELLAS COUNTY											
274259082411202 - SOUTHWEST C1 (LAT 27 42 59 LONG 082 41 12.02)											
JUL , 1979 10...	--	38000	7.1	28.3	212	AUG , 1979 22...	--	40000	7.2	27.7	--
274259082411203 - SOUTHWEST C2 (LAT 27 42 59 LONG 082 41 12.03)											
AUG , 1979 21...	--	38500	6.9	27.7	--						
274756082371501 - WELL NUMBER S1 SUNSET GOLF COURSE (LAT 27 47 56 LONG 082 37 15.01)											
OCT , 1978 17...	--	2000	7.2	24.5	200						
274819082374001 - WELL NUMBER S2 CRISP PARK (LAT 27 48 19 LONG 082 37 40.01)											
OCT , 1978 24...	--	750	7.7	24.5	230						
274848082363401 - WELL NUMBER S3 NE PRESBYTARIAN CHURCH (LAT 27 48 48 LONG 082 36 34.01)											
OCT , 1978 07...	--	2250	--	--	810	OCT , 1978 17...	--	--	6.7	25.4	790
274850082371601 - WELL NUMBER S4 JM WINTER (LAT 27 48 50 LONG 082 37 16.01)											
OCT , 1978 19...	--	770	7.2	24.5	240						
274902082390401 - WELL NUMBER S5 ROBERT COMMUNITY CENTER (LAT 27 49 02 LONG 082 39 04.01)											
OCT , 1978 24...	--	650	7.4	24.9	230						
274910082380401 - WELL NUMBER S6 SHORECREST HIGH SCHOOL (LAT 27 49 10 LONG 082 38 04.01)											
OCT , 1978 24...	--	--	7.4	24.5	250						
274915082364701 - WELL NUMBER S7 GILLOTTS (LAT 27 49 15 LONG 082 36 47.01)											
OCT , 1978 24...	--	1070	6.8	26.7	310						
274937082373301 - WELL NUMBER S8 NEIL (LAT 27 49 37 LONG 082 37 33.01)											
OCT , 1978 19...	--	760	7.1	24.7	240						
274943082380401 - WELL NUMBER S9 RIVIERA METHODIST CHURCH (LAT 27 49 43 LONG 082 38 04.01)											
OCT , 1978 19...	--	670	7.3	24.6	230						
275029082380401 - WELL NUMBER S10 MILLS (LAT 27 50 29 LONG 082 38 04.01)											
OCT , 1978 19...	--	790	6.7	26.1	360						
275135082381901 - WELL NUMBER S11 LIBERTY BAPTIST CHURCH (LAT 27 51 35 LONG 082 38 19.01)											
OCT , 1978 24...	--	1400	7.2	24.0	230						

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
PINELLAS COUNTY											
275210082411601 - PINELLAS CO. LF 18 (LAT 27 52 10 LONG 082 41 16.01)											
JUN , 1979						SEP , 1979					
05...	--	1620	7.1	29.0	--	27...	17	800	--	25.0	--
SEP											
21...	17	800	--	25.0	--						
275218082403601 - PINELLAS CO. LF 10 (LAT 27 52 18 LONG 082 40 36.01)											
DEC , 1978											
19...	--	739	7.1	25.5	--						
275224082401901 - PINELLAS CO. LF 24 (LAT 27 52 24 LONG 082 40 19.01)											
DEC , 1978											
19...	--	1380	7.7	25.5	--						
275226082402001 - PINCOLF 0 1 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.01)											
AUG , 1979						SEP , 1979					
15...	3.0	1275	6.6	28.3	--	23...	3.0	--	--	--	--
SEP						27...	3.0	875	--	29.0	--
06...	3.0	1070	6.8	30.0	--						
275226082402002 - PINCOLF 0 2 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.02)											
AUG , 1979						SEP , 1979					
15...	5.0	1325	6.4	27.5	--	23...	5.0	1250	--	28.0	--
SEP						27...	5.0	1250	--	28.0	--
06...	5.0	1400	6.6	28.0	--						
275226082402003 - PINCOLF 0 3 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.03)											
JUN , 1979						SEP , 1979					
07...	7.0	1650	6.9	28.0	--	06...	7.0	1820	6.7	28.0	--
07...	7.0	1670	6.5	29.0	--	23...	7.0	1600	--	27.5	--
JUL						27...	7.0	1600	--	27.5	--
17...	--	1620	6.4	31.0	--						
AUG											
15...	7.0	1600	6.4	27.0	--						
275226082402004 - PINCOLF 0 4 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.04)											
AUG , 1979						SEP , 1979					
15...	10	1540	6.6	27.5	--	23...	10	1500	--	27.0	--
SEP						27...	10	1500	--	27.0	--
06...	10	1800	6.7	28.0	--						
275226082402111 - PINCOLF B 1 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.11)											
AUG , 1979						SEP , 1979					
15...	1.0	1375	6.5	31.5	--	27...	1.0	1500	--	29.0	--
30...	1.0	1450	6.4	29.0	--						
SEP											
06...	1.0	1600	6.4	29.0	--						
23...	1.0	1500	--	29.0	--						
275226082402112 - PINCOLF B 2 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.12)											
AUG , 1979						SEP , 1979					
15...	3.0	1125	6.6	28.5	--	06...	3.0	1340	6.6	28.0	--
30...	3.0	1200	6.7	28.5	--	27...	3.0	1380	--	28.0	--
275226082402113 - PINCOLF B 3 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.13)											
AUG , 1979						SEP , 1979					
15...	5.0	1100	6.7	28.0	--	27...	5.0	1350	--	27.5	--
30...	5.0	1190	6.8	28.0	--						
SEP											
06...	5.0	1320	6.6	28.5	--						
27...	5.0	1350	--	27.5	--						



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

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DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HC03) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HC03) (00440)
PINELLAS COUNTY											
275226082402114 - PINCOLF B 4 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.14)											
AUG , 1979						SEP , 1979					
15...	7.0	1175	6.6	27.5	--	06...	7.0	1300	6.7	27.5	--
30...	7.0	1250	6.7	27.5	--	23...	7.0	1300	--	27.5	--
275227082401913 - PINCOLF M 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 19.13)											
APR , 1979											
11...	--	--	--	--	333						
275227082401914 - PINCOLF M 4 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 19.14)											
APR , 1979											
11...	--	--	--	--	412						
275227082402001 - PINCOLF C 1 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.01)											
MAR , 1979						SEP , 1979					
28...	--	--	--	--	435	06...	7.0	1250	6.8	28.0	--
AUG						23...	1.0	1300	--	29.0	--
15...	1.0	1125	6.8	32.5	--	27...	1.0	1300	--	29.0	--
30...	1.0	1225	7.1	31.0	--						
30...	1.0	1230	--	31.0	--						
275227082402002 - PINCOLF C 2 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.02)											
MAR , 1979						SEP , 1979					
28...	--	--	--	--	365	06...	5.0	825	7.0	27.0	--
AUG						23...	3.0	1500	--	28.5	--
15...	3.0	990	7.1	28.0	--	27...	3.0	1500	--	28.5	--
30...	3.0	1200	7.1	29.0	--						
30...	3.0	1200	--	29.0	--						
275227082402003 - PINCOLF C 3 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.03)											
MAR , 1979						AUG , 1979					
28...	--	--	--	--	503	30...	5.0	900	--	28.0	--
JUN						SEP					
07...	7.0	1100	6.9	29.0	--	06...	5.0	1250	6.8	26.5	--
JUL						27...	5.0	850	--	27.0	--
17...	--	1140	6.8	--	--						
AUG											
15...	5.0	875	7.1	28.5	--						
30...	5.0	900	7.0	28.0	--						
275227082402004 - PINCOLF C 4 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.04)											
MAR , 1979						SEP , 1979					
28...	--	--	--	--	461	06...	1.0	1260	7.0	27.5	--
AUG						23...	7.0	1100	--	27.5	--
15...	7.0	1325	6.8	28.3	--	27...	7.0	1100	--	27.5	--
30...	7.0	1300	6.8	28.0	--						
30...	7.0	1300	--	28.0	--						
275227082402023 - PINCOLF I 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.23)											
JUN , 1979						JUL , 1979					
07...	7.0	1460	6.9	29.0	--	17...	--	1420	6.9	31.0	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
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DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
PINELLAS COUNTY											
275227082402221 - PINCOLF H 1 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.21)											
AUG , 1979						SEP , 1979					
15...	3.0	1000	6.5	29.5	--	27...	3.0	625	--	28.5	--
30...	3.0	625	6.2	29.0	--						
SEP											
06...	3.0	550	6.6	29.0	--						
23...	3.0	625	--	28.5	--						
275227082402222 - PINCOLF H 2 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.22)											
AUG , 1979						SEP , 1979					
15...	5.0	900	6.4	27.5	--	06...	5.0	740	6.7	28.0	--
30...	5.0	790	6.8	29.0	--	23...	5.0	700	--	28.0	--
275227082402223 - PINCOLF H 3 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.23)											
AUG , 1979						SEP , 1979					
15...	7.0	900	6.6	28.0	--	27...	7.0	700	--	27.0	--
30...	7.0	725	6.8	28.0	--						
SEP											
06...	7.0	700	6.7	27.0	--						
23...	7.0	700	--	27.0	--						
275227082402224 - PINCOLF H 4 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.24)											
AUG , 1979						SEP , 1979					
15...	10	725	6.8	27.0	--	27...	10	650	--	27.0	--
30...	10	660	6.9	27.5	--						
SEP											
06...	10	675	6.8	26.5	--						
23...	10	650	--	27.0	--						
275244082410401 - PINELLAS CO. LF 3 (LAT 27 52 44 LONG 082 41 04.01)											
DEC , 1978						JUL , 1979					
19...	--	6200	7.3	27.5	--	12...	--	8000	6.9	29.0	--
275244082411401 - PINELLAS CO. LF 4 (LAT 27 52 44 LONG 082 41 14.01)											
DEC , 1978						JUL , 1979					
19...	--	2110	7.4	27.0	--	12...	--	2400	6.4	28.5	--
275244082412301 - PINELLAS CO. LF 7 (LAT 27 52 44 LONG 082 41 23.01)											
DEC , 1978						JUL , 1979					
19...	--	1040	7.3	26.8	--	12...	--	1230	6.5	28.5	--
275245082405401 - PINELLAS CO. LF 2 (LAT 27 52 45 LONG 082 40 54.01)											
DEC , 1978						JUL , 1979					
19...	--	2820	7.5	25.0	--	12...	--	5000	6.8	28.5	--
275928082420702 - CLE-DUN D. WELL 26 AT SAFETY HARBOR, FL (LAT 27 59 28 LONG 082 42 07.02)											
MAY , 1979						SEP , 1979					
11...	274	375	--	23.5	--	20...	280	360	--	25.0	--
280015082471201 - CLE-DUN D. WELL 23 AT DUNEDIN, FL (LAT 28 00 15 LONG 082 47 12.01)											
MAY , 1979						SEP , 1979					
16...	140	750	--	24.5	--	20...	140	730	--	25.5	--
280122082471101 - CLE-DUN D. WELL 22 AT DUNEDIN, FL (LAT 28 01 22 LONG 082 47 11.01)											
MAY , 1979						SEP , 1979					
16...	200	4380	--	24.5	--	20...	200	4080	--	26.5	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
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DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
PINELLAS COUNTY											
280214082464201 - CLE-DUN D. WELL 12 AT DUNEDIN, FL (LAT 28 02 14 LONG 082 46 42.01)											
MAY , 1979 17...	54	406	--	25.0	--	SEP , 1979 20...	54	281	--	26.0	--
280228082465001 - CLE-DUN D. WELL 11 NR DUNEDIN, FL (LAT 28 02 28 LONG 082 46 50.01)											
MAY , 1979 17...	170	2970	--	25.5	--	SEP , 1979 20...	170	4170	--	26.0	--
280254082441602 - CLE-DUN D. WELL 17 NR DUNEDIN, FL (LAT 28 02 54 LONG 082 44 16.02)											
MAY , 1979 16...	395	1850	--	24.0	--	SEP , 1979 19...	395	1820	--	25.5	--
280420082451901 - CLE-DUN D. WELL 09 NR PALM HARBOR, FL (LAT 28 04 20 LONG 082 45 19.01)											
MAY , 1979 16...	128	2270	--	24.5	--	SEP , 1979 19...	125	2200	--	25.5	--
280601082455301 - PINCO NWSTP 1020 BPND (LAT 28 06 01 LONG 082 45 53.01)											
DEC , 1978 14...	--	1250	7.5	20.2	--	APR , 1979 23...	--	2250	7.2	23.5	--
FEB , 1979 21...	--	1030	7.2	21.5	--	JUN 21...	--	720	7.8	26.0	--
280601082460301 - 810 BPND (LAT 28 06 01 LONG 082 46 03.01)											
DEC , 1978 14...	--	2410	7.3	17.8	--	APR , 1979 23...	--	3250	7.4	24.0	--
FEB , 1979 21...	--	2600	7.5	22.0	--	JUN 21...	--	3000	7.6	25.5	--
280601082460501 - PINCOL NWSTP 808 BPND (LAT 28 06 01 LONG 082 46 05.01)											
APR , 1979 24...	--	3500	6.8	24.0	--	JUN , 1979 21...	--	3700	7.3	26.0	--
280601082461301 - PINCO NWSTP 708 BPND (LAT 28 06 01 LONG 082 46 13.01)											
DEC , 1978 14...	--	1030	7.0	19.7	--						
280614082462301 - PINCO NWSTP 604 HILS (LAT 28 06 14 LONG 082 46 23.01)											
DEC , 1978 13...	--	635	7.2	20.0	--	JUN , 1979 21...	--	540	7.2	24.0	--
FEB , 1979 22...	--	475	7.0	24.0	--						
280618082454001 - PINCO NWSTP 31 (LAT 28 06 18 LONG 082 45 40.01)											
DEC , 1978 13...	--	695	4.5	23.5	--	APR , 1979 24...	--	450	4.8	23.5	--
FEB , 1979 22...	--	490	4.2	23.5	--	JUN 19...	--	860	4.1	24.0	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HC03) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HC03) (00440)
PINELLAS COUNTY											
280628082450701 - 2807.1 DEEP WELL NO.1 (LAT 28 06 28 LONG 082 45 07.01)											
DEC , 1978						APR , 1979					
14...	--	4928	7.2	18.0	--	24...	--	4600	6.7	23.5	--
FEB , 1979						JUN					
21...	--	2500	7.2	20.5	--	18...	--	2050	7.0	23.0	--
280629082454204 - 629-542.4 (LAT 28 06 29 LONG 082 45 42.04)											
DEC , 1978						JUN , 1979					
13...	--	510	5.5	23.2	--	19...	--	220	5.8	25.5	--
FEB , 1979											
22...	--	470	5.3	22.0	--						
280629082454205 - 629-542.5 (LAT 28 06 29 LONG 082 45 42.05)											
DEC , 1978						APR , 1979					
13...	--	432	7.3	23.5	--	24...	--	420	7.7	23.0	--
FEB , 1979						JUN					
22...	--	410	7.1	22.0	--	19...	--	440	7.4	24.5	--
280630082415401 - GOLF COURSE DEEP WELL M-5 NEAR TARPON SPNGS.,FL. (LAT 28 06 30 LONG 082 41 54.01)											
JAN , 1979						JAN , 1979					
10...	320	1700	--	25.0	--	10...	490	3680	--	26.0	--
10...	350	1680	--	25.5	--						
10...	410	1940	--	25.5	--						
280631082454504 - 631-545.4 (LAT 28 06 31 LONG 082 45 45.04)											
DEC , 1978						JUN , 1979					
13...	--	595	6.1	27.0	--	18...	--	950	5.5	24.5	--
FEB , 1979											
22...	--	1100	5.7	21.0	--						
280634082453405 - 27S15E25 INNISBROOK 144 (LAT 28 06 34 LONG 082 45 34.05)											
DEC , 1978						JUN , 1979					
14...	--	1590	5.3	19.0	--	19...	--	990	5.5	25.0	--
280637082461201 - PINCO NWSTP 3915 DESOTO (LAT 28 06 37 LONG 082 46 12.01)											
DEC , 1978						JUN , 1979					
14...	--	518	7.2	19.2	--	21...	--	550	7.4	25.0	--
FEB , 1979											
21...	--	575	7.3	23.6	--						
280647082461401 - PINCO NWST 811 HARRY (LAT 28 06 47 LONG 082 46 14.01)											
DEC , 1978						JUN , 1979					
14...	--	405	7.6	21.0	--	21...	--	460	7.5	25.0	--
FEB , 1979											
21...	--	420	7.4	25.0	--						
280734082442101 - ROMP DP WELL 15-3 AT TARPON SPRINGS,FL. (LAT 28 07 34 LONG 082 44 21.01)											
NOV , 1978						MAY , 1979					
17...	144	5800	--	25.0	--	22...	144	5150	--	25.0	--
JAN , 1979						SEP					
09...	148	4690	--	25.0	--	19...	144	4400	--	25.5	--
MAR											
21...	144	5200	--	26.0	--						
280846082414301 - PINELLAS D. WELL 028 SOUTH NR TARPON SGS. (LAT 28 08 46 LONG 082 41 43.01)											
JAN , 1979						JAN , 1979					
09...	560	715	--	24.5	--	09...	730	20600	--	25.5	--
09...	620	1308	--	25.5	--						

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
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DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HCO3) (00440)
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PINELLAS COUNTY

280904082400302 - EW MONITOR 3A DP WELL NR TARPON SPRINGS,FL (LAT 28 09 04 LONG 082 40 03.02)

<p>JAN , 1979</p> <p>09... 700 1850 -- 25.0 --</p> <p>09... 1000 2080 -- 25.5 --</p>	<p>JAN , 1979</p> <p>09... 1050 2150 -- 25.5 --</p>
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280944082390801 - EW MONITOR N1 DP WELL NR TARPON SPRINGS,FL (LAT 28 09 44 LONG 082 39 08.01)

<p>DEC , 1978</p> <p>19... 700 1290 -- 25.5 --</p> <p>19... 1100 1860 -- 26.0 --</p>	<p>DEC , 1978</p> <p>19... 1170 3550 -- 26.0 --</p>
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POLK COUNTY

275314081514201 - BARTOW AVON PARK WELL AT BARTOW,FL. (LAT 27 53 14 LONG 081 51 42.01)

<p>NOV , 1978</p> <p>21... 1040 2800 -- 25.5 --</p> <p>JAN , 1979</p> <p>17... 1030 4690 -- 22.0 --</p> <p>26... 1030 4150 -- 21.5 --</p> <p>26... 972 2800 -- 22.5 --</p> <p>26... 750 2330 -- 21.5 --</p> <p>26... 704 680 -- 22.0 --</p> <p>26... 650 320 -- 21.5 --</p> <p>26... 240 310 -- 21.0 --</p>	<p>MAR , 1979</p> <p>20... 1050 3400 -- 24.5 --</p> <p>MAY</p> <p>23... 1040 1100 -- 25.0 --</p> <p>JUL</p> <p>17... 1040 4200 -- 25.5 --</p> <p>SEP</p> <p>13... 1040 3180 -- 27.0 --</p>
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275353081503301 - BARTOW CITY 1 (LAT 27 53 53 LONG 081 50 33.01)

SEP , 1979

04... -- 468 7.4 26.0 --

275408081595702 - KAISER ANNULUS MONITOR A DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.02)

<p>OCT , 1978</p> <p>06... -- 9100 7.5 -- 140</p> <p>JAN , 1979</p> <p>22... -- 7100 8.1 24.5 --</p>	<p>SEP , 1979</p> <p>28... -- 8800 8.0 29.0 162</p>
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275408081595703 - KAISER ANNULUS MONITOR B DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.03)

<p>OCT , 1978</p> <p>06... -- 3100 7.6 -- 130</p> <p>JAN , 1979</p> <p>22... -- 3100 8.0 25.5 --</p>	<p>SEP , 1979</p> <p>28... -- 2820 7.5 29.0 188</p>
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275430082000401 - KAISER SATELLITE MON NO. 1 NR MULBERRY (LAT 27 54 30 LONG 082 00 04.01)

<p>OCT , 1978</p> <p>06... -- 145000 5.9 -- 980</p> <p>JAN , 1979</p> <p>22... -- 114000 5.4 28.0 --</p>	<p>MAY , 1979</p> <p>04... -- 120000 5.4 31.0 --</p> <p>SEP</p> <p>28... -- 114000 6.0 30.0 1180</p>
--	--

275625081543801 - LAKE LAND HIGHLAND GR#4 DP WELL NR HIGHLANDS CITY (LAT 27 56 25 LONG 081 54 38.01)

APR , 1979

26... 700 215 -- 27.0 --

275706081552702 - LAKE LAND RIDGE GROVE #5 DP WELL NR HIGHLAND CITY (LAT 27 57 06 LONG 081 55 27.02)

APR , 1979

26... 700 213 -- 29.0 --

275734081564501 - LAKE LAND RIDGE GROVE 21 DP WELL NR LAKE LAND (LAT 27 57 34 LONG 081 56 45.01)

APR , 1979

26... 700 225 -- 27.0 --

280311081543101 - CITY OF LAKE LAND # 15 (LAT 28 03 11 LONG 081 54 31.01)

SEP , 1979

05... -- 480 7.3 28.0 --

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HC03) (00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE (MG/L AS HC03) (00440)
SARASOTA COUNTY											
265834082202402 - ENGLEWOOD W.O. WELL 14A NEAR ENGLEWOOD, FL (LAT 26 58 34 LONG 082 20 24.02)											
FEB , 1979 08...	--	--	--	--	64						
270139082240801 - JAPANESE GARDENS DEEP WELL (LAT 27 01 39 LONG 082 24 08.01)											
MAR , 1979 00... 12...	195 110	590 830	-- --	-- --	-- --	MAR , 1979 14...	305	460	--	25.5	170
270319082160601 - DIEGEL JACKMAN (LAT 27 03 19 LONG 082 16 06.01)											
OCT , 1978 13...	82	1160	--	--	260						
270332082143801 - JOCKEY CLUB ENTRANCE (LAT 27 03 32 LONG 082 14 38.01)											
OCT , 1978 13...	60	3920	--	--	220	OCT , 1978 18...	115	1690	--	--	190
270343082141901 - JOCKEY CLUB REC CENTER (LAT 27 03 43 LONG 082 14 19.01)											
OCT , 1978 13...	104	1300	--	--	430						
270542082261801 - VENICE WELL 35 AT VENICE,FLA (LAT 27 05 42 LONG 082 26 18.01)											
FEB , 1979 02...	163	--	--	--	--						
270543082261706 - VENICE USGS TEST WELL 40 (LAT 27 05 43 LONG 082 26 17.06)											
FEB , 1979 08...	--	--	--	--	340						
270543082261902 - USGS 36 VENICE (LAT 27 05 43 LONG 082 26 19.02)											
FEB , 1979 02...	68	--	--	--	290						
270601082261402 - CITY OF VENICE WP RO WATER (LAT 27 06 01 LONG 082 26 14.02)											
AUG , 1979 22...	--	2800	7.1	26.0	--						
270710082092101 - GEN. DEVELOPMENT WELL NR N PORT CHARLOTTE (LAT 27 07 10 LONG 082 09 21.01)											
JAN , 1979 25...	--	--	--	--	63						
270802082075501 - WALTON RANCH (LAT 27 08 02 LONG 082 07 55.01)											
JAN , 1979 25...	--	--	--	--	200						
271130082064901 - MABRY CARLTON (LAT 27 11 30 LONG 082 06 49.01)											
OCT , 1978 10...	480	--	--	--	--						
271131082282301 - TROUTMAN LONGBOW D. WELL (LAT 27 11 31 LONG 082 28 23.01)											
JAN , 1979 11...	--	2400	--	--	190						



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

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DATE	SAMP- LING DEPTH (FT)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	BICAR- BONATE (MG/L AS HCO3)	DATE	SAMP- LING DEPTH (FT)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	BICAR- BONATE (MG/L AS HCO3)
	(00003)	(00095)	(00400)	(00010)	(00440)		(00003)	(00095)	(00400)	(00010)	(00440)
SARASOTA COUNTY											
271134082092202 - BIG SLOUGH SHALLOW WELL NEAR ARCADIA,FL. (LAT 27 11 34 LONG 082 09 22.02)											
FEB , 1979											
02...	--	--	--	--	340						
271137082074801 - SWFWMD R-18-1 (LAT 27 11 37 LONG 082 07 48.01)											
MAY , 1979						JUL , 1979					
08...	220	770	--	--	292	17...	1108	750	--	28.0	--
271332082293801 - HAWKINS LIVINGSTONE (LAT 27 13 32 LONG 082 29 38.01)											
OCT , 1978											
10...	--	--	--	--	270						
271550082320501 - GUEST MEADOWOOD (LAT 27 15 50 LONG 082 32 05.01)											
DEC , 1978											
11...	101	2280	--	24.0	200						
271601082330501 - ROMP TR 6-1 HAWTHORN WELL NEAR SARASOTA FL (LAT 27 16 01 LONG 082 33 05.01)											
OCT , 1978						JUN , 1979					
03...	500	3200	--	--	--	06...	--	--	--	--	148
05...	530	3590	--	--	--						
05...	535	4030	--	--	--						
09...	565	4180	--	--	--						
271608082280201 - CADDY GROVE WELL 21 NR SARASOTA,FLA (LAT 27 16 08 LONG 082 28 02.01)											
FEB , 1979											
02...	--	--	--	--	260						
271616082271601 - WINDWARD ISLES MHP (LAT 27 16 16 LONG 082 27 16.01)											
NOV , 1978											
21...	--	710	--	--	270						
271634082285801 - SWFWMD TR-6-3 (LAT 27 16 34 LONG 082 28 58.01)											
NOV , 1978						DEC , 1978					
02...	69	1055	--	--	--	04...	360	980	--	--	--
13...	140	750	--	--	--	05...	375	1200	--	--	--
13...	170	830	--	--	--	06...	405	1350	--	--	--
14...	190	700	--	--	--	07...	450	1660	--	--	--
20...	240	650	--	--	--	12...	495	1890	--	--	--
20...	250	765	--	--	--	13...	510	2030	--	--	--
28...	315	520	--	--	--	18...	585	2310	--	--	--
29...	345	745	--	--	--						
271721082305401 - THOMPSON-LISBON (LAT 27 17 51 LONG 082 30 54.01)											
NOV , 1978											
06...	60	--	--	--	--						
271747082320401 - THOMPSON HANSON (LAT 27 17 47 LONG 082 32 04.01)											
NOV , 1978						NOV , 1978					
07...	44	--	--	--	--	09...	133	--	--	--	--
08...	62	955	--	25.0	--	09...	160	--	--	25.0	230
08...	78	1020	--	25.0	--						
271757082241301 - BEE RIDGE WELL 15 NR SARASOTA,FLA (LAT 27 17 57 LONG 082 24 13.01)											
FEB , 1979											
01...	--	--	--	--	270						

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
FIELD MEASUREMENTS

DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE AS HCO3 (MG/L 00440)	DATE	SAMP- LING DEPTH (FT) (00003)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	BICAR- BONATE AS HCO3 (MG/L 00440)
SARASOTA COUNTY											
271959082270901 - TROUTMAN EMR DEEP (LAT 27 19 59 LONG 082 27 09.01)											
JAN , 1979	11...	--	795	--	--	210					
272043082251701 - THOMPSON CASTLE (LAT 27 20 43 LONG 082 25 17.01)											
OCT , 1978	04...	183	--	--	--	200					
272049082324401 - CITY OF SARA 11THST AND OREGON (LAT 27 20 49 LONG 082 32 44.01)											
APR , 1979	06...	479	--	--	--	160					
272102082324001 - 15TH ST AND COCONUT (LAT 27 21 02 LONG 082 32 40.01)											
JAN , 1979	22...	--	--	--	--	160					
272202082282401 - MEADOWS 4 INCH WELL (LAT 27 22 02 LONG 082 28 24.01)											
NOV , 1978	07...	475	--	--	--		NOV , 1978	08...	715	--	--
272222082283201 - HORACE SUTCLIFFE (LAT 27 22 22 LONG 082 28 32.01)											
DEC , 1978	06...	132	397	--	24.0	210					
272237082331601 - DAYS INN N. TRAIL (LAT 27 22 37 LONG 082 33 16.01)											
NOV , 1978	09...	38	690	--	27.0	--	NOV , 1978	16...	380	1105	--
272255082172202 - KME RECHARGE WELL NEAR VERNA,FLA (LAT 27 22 55 LONG 082 17 22.02)											
JUN , 1979	06...	--	--	--	--	168					
SUMTER COUNTY											
284208082054601 - 84220502 20S22E34 JC 19 C H BEVILLE (LAT 28 42 08 LONG 082 05 46.01)											
JAN , 1979	29...	799	820	7.1	24.2	170					
285207082014501 - 85220101 19S23E05 JC 57 CITY OF WILDWOOD (LAT 28 52 07 LONG 082 01 45.01)											
JAN , 1979	31...	81	349	7.0	23.4	170					

## GROUND WATER QUALITY RECORDS

## Major Constituents

Data in this section include the following parameters:

Elevation	Color
Hardness	Hardness, noncarbonate
Calcium, dissolved	Magnesium, dissolved
Sodium, dissolved	Sodium, percent
Sodium, Adsorption ratio	Sodium, potassium dissolved
Potassium, dissolved	Carbonate
Alkalinity	Sulfate, dissolved
Chloride, dissolved	Fluoride, dissolved
Silica, dissolved	Solids, residue at 180°C, dissolved
Solids, sum of constituents, dis	Solids, dissolved (tons per day)
Iron, 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 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM AD- SORP- TION RATIO SODIUM PERCENT (00932)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
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CHARLOTTE COUNTY

270152082002801 - DEEP CR WELL NO 917 NR PT CHARLOTTE, FLA (LAT 27 01 52 LONG 082 00 28.01)

OCT , 1978										
03...	1800	61.88	--	520	410	100	62	--	--	--
NOV										
29...	0915	59.68	--	520	410	100	60	--	--	--
JAN , 1979										
31...	1245	59.57	--	540	430	110	60	--	--	--
APR										
09...	1130	57.26	--	510	390	100	62	--	--	--
JUN										
06...	1240	58.64	--	500	390	98	57	--	--	--
AUG										
02...	1150	59.80	--	540	420	110	59	--	--	--

270152082002802 - DEEP CR WELL NO 575 NR PT CHARLOTTE, FLA (LAT 27 01 52 LONG 082 00 28.02)

OCT , 1978										
03...	1805	63.35	--	380	280	63	49	--	--	--
NOV										
29...	0935	61.04	--	390	290	67	49	--	--	--
JAN , 1979										
31...	1235	58.73	--	380	280	66	48	--	--	--
APR										
09...	1115	60.81	--	340	240	61	46	--	--	--
JUN										
06...	1245	59.42	--	440	330	77	54	--	--	--
AUG										
02...	1200	60.58	--	380	270	65	47	--	--	--

270152082002803 - DEEP CR WELL NO 270 NR PT CHARLOTTE, FLA (LAT 27 01 52 LONG 082 00 28.03)

OCT , 1978										
03...	1810	39.98	--	440	330	76	56	--	--	--
NOV										
29...	0950	38.36	--	450	340	78	56	--	--	--
JAN , 1979										
31...	1230	36.75	--	440	330	78	54	--	--	--
APR										
09...	1140	34.20	--	430	320	76	57	--	--	--
JUN										
06...	1255	34.20	--	360	260	63	45	--	--	--
AUG										
02...	1220	34.90	--	440	340	78	54	--	--	--

285102082204001 - 85122001 19S20E07 851220343 INVERNESS (LAT 28 51 02 LONG 082 20 40.01)

CITRUS COUNTY

JAN , 1979										
25...	1600	--	10	190	13	54	12	7.1	8	.2

285350082162802 - 85321602 18S20E26 DONALD FELS (LAT 28 53 50 LONG 082 16 28.02)

OCT , 1978										
18...	1535	--	10	330	58	110	13	7.6	5	.2

285654082350101 - 85623501 18S17E03 GERRITS WELL NR CITRONELLE (LAT 28 56 54 LONG 082 35 01.01)

FEB , 1979										
01...	1220	--	5	140	30	44	6.4	2.7	4	.1

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

401

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	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)
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CHARLOTTE COUNTY

270152082002801 - DEEP CR WELL NO 917 NR PT CHARLOTTE, FLA (LAT 27 01 52 LONG 082 00 28.01)

OCT , 1978											
03...	--	0	110	450	160	1.5	--	--	--	--	--
NOV											
29...	--	0	110	410	170	1.8	--	--	--	--	--
JAN , 1979											
31...	--	0	112	410	160	1.9	--	--	--	--	--
APR											
09...	--	--	110	420	160	1.7	--	--	--	--	--
JUN											
06...	--	0	110	380	160	1.8	--	--	--	--	--
AUG											
02...	--	0	110	430	180	1.8	--	--	--	--	--

270152082002802 - DEEP CR WELL NO 575 NR PT CHARLOTTE, FLA (LAT 27 01 52 LONG 082 00 28.02)

OCT , 1978											
03...	--	0	98	320	210	1.5	--	--	--	--	--
NOV											
29...	--	0	98	290	220	1.6	--	--	--	--	--
JAN , 1979											
31...	--	0	103	290	230	1.7	--	--	--	--	--
APR											
09...	--	--	98	340	180	1.8	--	--	--	--	--
JUN											
06...	--	0	110	180	220	1.2	--	--	--	--	--
AUG											
02...	--	0	110	310	225	1.7	--	--	--	--	--

270152082002803 - DEEP CR WELL NO 270 NR PT CHARLOTTE, FLA (LAT 27 01 52 LONG 082 00 28.03)

OCT , 1978											
03...	--	0	110	190	320	1.0	--	--	--	--	--
NOV											
29...	--	0	110	200	310	1.1	--	--	--	--	--
JAN , 1979											
31...	--	0	107	180	300	1.2	--	--	--	--	--
APR											
09...	--	--	110	190	320	1.1	--	--	--	--	--
JUN											
06...	--	0	98	310	320	1.8	--	--	--	--	--
AUG											
02...	--	0	110	190	324	1.1	--	--	--	--	--

CITRUS COUNTY

285102082204001 - 85122001 19S20E07 851220343 INVERNESS (LAT 28 51 02 LONG 082 20 40.01)

JAN , 1979											
25...	1.5	0	170	4.0	11	1.0	9.6	213	205	.29	630

285350082162802 - 85321602 18S20E26 DONALD FELS (LAT 28 53 50 LONG 082 16 28.02)

OCT , 1978											
18...	.5	0	270	18	13	.2	8.8	341	335	.46	490

285654082350101 - 85623501 18S17E03 GERRITS WELL NR CITRONELLE (LAT 28 56 54 LONG 082 35 01.01)

FEB , 1979											
01...	.2	0	110	11	4.9	.1	5.4	143	151	.19	40

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM* POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
CITRUS COUNTY											
285720082201301 - 85722001 18S20E32 ROMP WELL-TSALA APOPKA DAM (LAT 28 57 20 LONG 082 20 13.01)											
JAN , 1979	31...	1045	--	5	180	1	66	3.9	3.6	4	.1 --
285930082283701 - 85922801 17S18E22 CITRUS SPRINGS GC MAIN (LAT 28 59 30 LONG 082 28 37.01)											
OCT , 1978	19...	1615	--	5	130	19	41	5.6	2.7	4	.1 --
290010082321601 - 90023201 17S17E13 G P DOLAN (LAT 29 00 10 LONG 082 32 16.01)											
OCT , 1978	19...	1515	--	5	110	29	33	6.5	2.6	5	.1 --
290027082370701 - 90023701 17S17E07 SCE 177 P D NICHOLS (LAT 29 00 27 LONG 082 37 07.01)											
OCT , 1978	19...	1215	--	5	230	41	59	20	6.7	6	.2 --
290041082265101 - 90022601 17S18E12 SECTION 12 MINE WELL (LAT 29 00 41 LONG 082 26 51.01)											
JAN , 1979	25...	1110	--	5	2100	2000	580	160	16	2	.2 --
290115082401001 - 90124002 17S16E03 SCE 179 HAVEN MOTEL (LAT 29 01 15 LONG 082 40 10.01)											
OCT , 1978	19...	1330	--	5	280	44	83	18	9.6	7	.3 --
290117082404501 - 90124007 17S16E11 JOHN E COCKE (LAT 29 01 17 LONG 082 40 45.01)											
OCT , 1978	19...	1420	--	5	280	45	90	14	3.0	2	.1 --
290152082312201 - 90123101 17S18E06 GLENN A BLAND (LAT 29 01 52 LONG 082 31 22.01)											
OCT , 1978	19...	1115	--	5	61	24	20	2.7	2.3	8	.1 --
290159082285102 - 90122802 17S18E03 REUMAN NEW WELL (LAT 29 01 59 LONG 082 28 51.02)											
OCT , 1978	19...	1015	--	10	100	11	27	8.1	2.5	5	.1 --
270726081542701 - ROBERT NORRIS DP WELL #1 NR NOCATEE (LAT 27 07 26 LONG 081 54 27.01)											
APR , 1979	25...	1430	--	--	--	--	--	--	--	--	--
271230081404009 - DESOTO CORRECTIONAL INST TREATED NR ARCADIA, FLA (LAT 27 12 30 LONG 081 40 40.09)											
FEB , 1979	01...	1015	--	0	100	0	12	15	80	64	3.6 --



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS 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)
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CITRUS COUNTY

285720082201301 - 85722001 18S20E32 ROMP WELL-TSALA APOPKA DAM (LAT 28 57 20 LONG 082 20 13.01)

JAN , 1979 31...	.3	0	180	.8	8.2	.1	6.6	210	198	.29	--
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285930082283701 - 85922801 17S18E22 CITRUS SPRINGS GC MAIN (LAT 28 59 30 LONG 082 28 37.01)

OCT , 1978 19...	.2	0	110	13	4.0	.1	6.6	139	138	.19	20
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290010082321601 - 90023201 17S17E13 G P DOLAN (LAT 29 00 10 LONG 082 32 16.01)

OCT , 1978 19...	.2	0	80	22	3.7	.1	7.1	128	124	.17	30
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290027082370701 - 90023701 17S17E07 SCE 177 P D NICHOLS (LAT 29 00 27 LONG 082 37 07.01)

OCT , 1978 19...	.5	0	190	13	12	.1	6.0	241	231	.33	360
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290041082265101 - 90022601 17S18E12 SECTION 12 MINE WELL (LAT 29 00 41 LONG 082 26 51.01)

JAN , 1979 25...	3.4	0	110	1900	35	2.5	27	3090	2800	4.20	380
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290115082401001 - 90124002 17S16E03 SCE 179 HAVEN MOTEL (LAT 29 01 15 LONG 082 40 10.01)

OCT , 1978 19...	.3	0	240	21	16	.2	4.9	292	296	.40	50
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290117082404501 - 90124007 17S16E11 JOHN E COCKE (LAT 29 01 17 LONG 082 40 45.01)

OCT , 1978 19...	.3	0	240	16	4.3	.2	4.1	268	275	.36	80
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290152082312201 - 90123101 17S18E06 GLENN A BLAND (LAT 29 01 52 LONG 082 31 22.01)

OCT , 1978 19...	.5	0	37	15	3.3	.1	7.7	84	74	.11	60
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290159082285102 - 90122802 17S18E03 REUMAN NEW WELL (LAT 29 01 59 LONG 082 28 51.02)

OCT , 1978 19...	.5	0	90	2.5	3.9	.1	8.1	115	108	.16	400
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DE SOTO COUNTY

270726081542701 - ROBERT NORRIS DP WELL #1 NR NOCATEE (LAT 27 07 26 LONG 081 54 27.01)

APR , 1979 25...	--	--	--	220	78	--	--	--	--	--	--
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271230081404009 - DESOTO CORRECTIONAL INST TREATED NR ARCADIA, FLA (LAT 27 12 30 LONG 081 40 40.09)

FEB , 1979 01...	4.5	8	120	35	87	.5	11	325	324	.44	--
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GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

[illegible]

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

405

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS 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)
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DE SOTO COUNTY

271746081394401 - TRG WELL NO. 06 NR ARCADIA, FLA. (LAT 27 17 46 LONG 081 39 44.01)

APR , 1979 25...	--	--	--	75	20	--	--	--	--	--	--
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HERNANDO COUNTY

283537082151501 - 83521501 22520E12 ROMP 103 NR BROOKSVILLE (LAT 28 35 37 LONG 082 15 15.01)

JAN , 1979 28...	.5	0	70	7.3	4.9	.1	10	98	98	.13	0
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HILLSBOROUGH COUNTY

273845082314001 - SW HILLS CO 5 NR RUSKIN (LAT 27 38 45 LONG 082 31 40.01)

MAY , 1979 21...	--	--	--	360	120	--	--	943	--	1.28	--
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274030082285201 - SW HILLS CO 18 NR RUSKIN (LAT 27 40 30 LONG 082 28 52.01)

MAY , 1979 21...	--	--	--	180	17	--	--	502	--	.68	--
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274221082282401 - SW HILLS CO 54 NR RUSKIN (LAT 27 42 21 LONG 082 28 24.01)

MAY , 1979 21...	--	--	--	400	28	--	--	802	--	1.09	--
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274252082232401 - RUSKIN #10(SW HILLS CO 67) NR RUSKIN (LAT 27 42 52 LONG 082 23 24.01)

MAY , 1979 21...	--	--	--	250	18	--	--	602	--	.82	--
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274322082202601 - SUN CITY #5(SW HILLS CO 79) NR WIMAUMA (LAT 27 43 22 LONG 082 20 26.01)

MAY , 1979 21...	--	--	--	160	12	--	--	422	--	.57	--
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274406082240701 - SW HILLS CO 90 AT RUSKIN (LAT 27 44 06 LONG 082 24 07.01)

MAY , 1979 22...	--	--	--	210	21	--	--	565	--	.77	--
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274423082142201 - BOBBY THOMAS DP WELL NR BALM (LAT 27 44 23 LONG 082 14 22.01)

APR , 1979 30...	--	--	--	21	17	--	--	--	--	--	--
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274640082231001 - PAUL ELLSBERRY DP WELL NR GIBSONTON (LAT 27 46 40 LONG 082 23 10.01)

APR , 1979 30...	--	--	--	330	24	--	--	--	--	--	--
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274904082194701 - RIVERVIEW #6(SW HILLS CO 207) NR RIVERVIEW (LAT 27 49 04 LONG 082 19 47.01)

MAY , 1979 22...	--	--	--	160	18	--	--	472	--	.64	--
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GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

[illegible]

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

407

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS 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)
HILLSBOROUGH COUNTY											
274915082190402 - SW HILLS CO 213 NR RIVERVIEW (LAT 27 49 15 LONG 082 19 04.02)											
MAY , 1979 22...	--	--	--	95	16	--	--	405	--	.55	--
275210082171001 - MCMULLEN CAMPGROUND SO E RIVERVIEW FLA (LAT 27 52 10 LONG 082 17 10.01)											
MAY , 1979 22...	--	--	--	57	15	--	--	305	--	.41	--
275326082235101 - HUCO INC NR RIVERVIEW (LAT 27 53 26 LONG 082 23 51.01)											
MAY , 1979 23...	--	--	--	140	940	--	--	2460	--	3.35	--
275346082172201 - ALDERMAN D. WELL NEAR BRANDON+FL (LAT 27 53 46 LONG 082 17 22.01)											
OCT , 1978 18...	.5	--	220	15	30	.2	19	343	268	.47	8900
275351082172001 - EASTERLING D. WELL NEAR BRANDON+FL (LAT 27 53 51 LONG 082 17 20.01)											
OCT , 1978 18...	.7	--	130	88	21	.3	15	308	370	.42	80
275404082095301 - CARL CARPENTER DP WELL AT PLEASANT GROVE+FLA. (LAT 27 54 04 LONG 082 09 53.01)											
APR , 1979 30...	--	--	--	18	17	--	--	--	--	--	--
275417082190901 - PURITY DAIRY 2 NR RIVERVIEW (LAT 27 54 17 LONG 082 19 09.01)											
MAY , 1979 22...	--	--	--	37	43	--	--	340	--	.46	--
275423082220801 - TOWER DAIRY 2 NR RIVERVIEW (LAT 27 54 23 LONG 082 22 08.01)											
MAY , 1979 23...	--	--	--	36	230	--	--	718	--	.98	--
275427082221001 - TOWER DAIRY 1 NR RIVERVIEW (LAT 27 54 27 LONG 082 22 10.01)											
MAY , 1979 23...	--	--	--	7.6	74	--	--	484	--	.66	--
275547082211701 - JOE SUAREZ 2 NR RIVERVIEW (LAT 27 55 47 LONG 082 21 17.01)											
MAY , 1979 23...	--	--	--	49	77	--	--	414	--	.56	--
275611082211701 - SEABOARD UTILITIES #8 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 17.01)											
MAY , 1979 23...	--	--	--	72	140	--	--	575	--	.78	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

	ELEVATION (FT.) NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	HARDNESS (MG/L) AS CAC03) (00900)	HARDCONCENTRATION (MG/L) CA) CAG03) (00902)	SODIUM (MG/L) SOLVED AS MG) (00925)	MAGNESIUM, (MG/L) SOLVED AS NA) (00930)	POTASSIUM, (MG/L) SOLVED PERCENT (00932)	NITROGEN, (MG/L) RATIO (00931)	PHOSPHORUS, (MG/L) DIS-SOLVED AS NA) (00933)
<b>HILLSBOROUGH COUNTY</b>									
275615082230601 - PALM RIVER WELL 14 AT TAMPA,FLA (WQ-02) (LAT 27 56 15 LONG 082 23 06.01)									
MAY , 1979									
14....	1305	--	--	--	--	--	--	--	--
SEP									
19....	1000	--	--	--	--	--	--	--	--
275620082242001 - PALM RIVER WELL 12 AT TAMPA,FLA (LAT 27 56 20 LONG 082 24 20.01)									
MAY , 1979									
14....	1448	--	--	--	--	--	--	--	--
SEP									
19....	1105	--	--	--	--	--	--	--	--
275623082194201 - CAREY CATTLE SALES NR VALRICO (LAT 27 56 23 LONG 082 19 42.01)									
MAY , 1979									
23....	1405	--	--	--	--	--	--	--	--
275629082234001 - PALM RIVER WELL 5 AT TAMPA,FLA (WQ-04) (LAT 27 56 29 LONG 082 23 40.01)									
MAY , 1979									
14....	1405	--	--	260	30	89	8.1	19	.5
SEP									
19....	1030	--	--	--	--	--	--	--	--
275629082242201 - PALM RIVER WELL 13 AT TAMPA,FLA (LAT 27 56 29 LONG 082 24 22.01)									
MAY , 1979									
14....	1435	--	--	--	--	--	--	--	--
SEP									
19....	1050	--	--	--	--	--	--	--	--
275641082230501 - PALM RIVER WELL 19 AT TAMPA,FLA (LAT 27 56 41 LONG 082 23 05.01)									
MAY , 1979									
14....	1500	--	--	--	--	--	--	--	--
275642082224201 - PALM RIVER WELL 18 AT TAMPA,FLA (WQ-07) (LAT 27 56 42 LONG 082 22 42.01)									
MAY , 1979									
14....	1545	--	--	--	--	--	--	--	--
SEP									
19....	0940	--	--	--	--	--	--	--	--
275647082232201 - PALM RIVER WELL 6 AT TAMPA,FLA (LAT 27 56 47 LONG 082 23 22.01)									
MAY , 1979									
14....	1530	--	--	--	--	--	--	--	--
SEP									
19....	1015	--	--	--	--	--	--	--	--
275653082231101 - USCE WELL TBC-15 AT TAMPA,FLA (LAT 27 56 53 LONG 082 23 11.01)									
MAY , 1979									
14....	1255	6.22	--	--	--	--	--	--	--
SEP									
19....	1130	6.81	--	--	--	--	--	--	--



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

409

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS 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)
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HILLSBOROUGH COUNTY

275615082230601 - PALM RIVER WELL 14 AT TAMPA,FLA (WQ-02) (LAT 27 56 15 LONG 082 23 06.01)

MAY , 1979											
14...	--	--	--	--	19	--	--	205	--	--	--
SEP											
19...	--	--	--	--	20	--	--	190	--	--	--

275620082242001 - PALM RIVER WELL 12 AT TAMPA,FLA (LAT 27 56 20 LONG 082 24 20.01)

MAY , 1979											
14...	--	--	--	--	560	--	--	1580	--	--	--
SEP											
19...	--	--	--	--	550	--	--	1400	--	--	--

275623082194201 - CAREY CATTLE SALES NR VALRICO (LAT 27 56 23 LONG 082 19 42.01)

MAY , 1979											
23...	--	--	--	19	14	--	--	245	--	.33	--

275629082234001 - PALM RIVER WELL 5 AT TAMPA,FLA (WQ-04) (LAT 27 56 29 LONG 082 23 40.01)

MAY , 1979											
14...	1.5	--	230	6.8	56	.1	--	393	--	.53	--
SEP											
19...	--	--	--	--	42	--	--	372	--	.50	--

275629082242201 - PALM RIVER WELL 13 AT TAMPA,FLA (LAT 27 56 29 LONG 082 24 22.01)

MAY , 1979											
14...	--	--	--	--	800	--	--	2090	--	--	--
SEP											
19...	--	--	--	--	720	--	--	1890	--	--	--

275641082230501 - PALM RIVER WELL 19 AT TAMPA,FLA (LAT 27 56 41 LONG 082 23 05.01)

MAY , 1979											
14...	--	--	--	--	950	--	--	2560	--	--	--

275642082224201 - PALM RIVER WELL 18 AT TAMPA,FLA (WQ-07) (LAT 27 56 42 LONG 082 22 42.01)

MAY , 1979											
14...	--	--	--	--	340	--	--	1050	--	--	--
SEP											
19...	--	--	--	--	290	--	--	1020	--	--	--

275647082232201 - PALM RIVER WELL 6 AT TAMPA,FLA (LAT 27 56 47 LONG 082 23 22.01)

MAY , 1979											
14...	--	--	--	--	480	--	--	1480	--	--	--
SEP											
19...	--	--	--	--	460	--	--	1450	--	--	--

275653082231101 - USCE WELL TBC-15 AT TAMPA,FLA (LAT 27 56 53 LONG 082 23 11.01)

MAY , 1979											
14...	--	--	--	--	1000	--	--	2590	--	--	--
SEP											
19...	--	--	--	--	1000	--	--	2420	--	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1973 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
HILLSBOROUGH COUNTY											
275657082201001 - GADD CONCRETE NR VALRICO (LAT 27 56 57 LONG 082 20 10.01)											
MAY , 1979	23...	1340	--	--	--	--	--	--	--	--	--
275701082230301 - USCE WELL TBC-11 AT TAMPA,FLA (LAT 27 57 01 LONG 082 23 03.01)											
MAY , 1979	14...	1015	2.88	--	--	--	--	--	--	--	--
SEP	20...	1325	2.77	--	--	--	--	--	--	--	--
275701082230302 - USCE WELL TBC-12 AT TAMPA, FLA (LAT 27 57 01 LONG 082 23 03.02)											
MAY , 1979	16...	1107	--	--	--	--	--	--	--	--	--
SEP	20...	1323	2.97	--	--	--	--	--	--	--	--
275701082230303 - USCE WELL TBC-13 AT TAMPA, FLA (LAT 27 57 01 LONG 082 23 03.03)											
MAY , 1979	14...	1013	3.02	--	350	180	120	11	30	16	.7
275701082230304 - USCE WELL TBC-16 AT TAMPA, FLA (LAT 27 57 01 LONG 082 23 03.04)											
MAY , 1979	14...	1017	7.59	--	--	--	--	--	--	--	--
SEP	20...	1330	--	--	--	--	--	--	--	--	--
275724082161101 - BRANDON 6 CAMELOT (LAT 27 57 24 LONG 082 16 11.01)											
AUG , 1979	07...	1330	--	--	120	16	43	2.2	4.0	7	.2
275724082221001 - STRUCTURE 160 WELL NEAR TAMPA,FL. (LAT 27 57 24 LONG 082 22 10.01)											
JAN , 1979	29...	1045	12.16	--	--	--	--	--	--	--	--
MAY	14...	1624	12.78	--	250	100	78	14	46	28	1.3
SEP	17...	1110	13.98	--	--	--	--	--	--	--	--
275725082221101 - USCE WELL TBC-17 AT TAMPA, FLA (LAT 27 57 25 LONG 082 22 11.01)											
MAY , 1979	14...	1630	14.79	--	--	--	--	--	--	--	--
SEP	17...	1130	--	--	--	--	--	--	--	--	--
275856082210301 - USCE TEST WELL 2S-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03.01)											
MAY , 1979	16...	1220	16.14	--	100	10	39	1.3	3.4	7	.1

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

411

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS C03) (00445)	ALKA- LINITY (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS 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)
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HILLSBOROUGH COUNTY

275657082201001 - GADD CONCRETE NR VALRICO (LAT 27 56 57 LONG 082 20 10.01)

MAY , 1979											
23...	--	--	--	1.2	16	--	--	287	--	.39	--

275701082230301 - USCE WELL TBC-11 AT TAMPA,FLA (LAT 27 57 01 LONG 082 23 03.01)

MAY , 1979											
14...	--	--	--	--	51	--	--	376	--	--	--
SEP											
20...	--	--	--	--	53	--	--	348	--	--	--

275701082230302 - USCE WELL TBC-12 AT TAMPA, FLA (LAT 27 57 01 LONG 082 23 03.02)

MAY , 1979											
16...	--	--	--	--	710	--	--	2260	--	--	--
SEP											
20...	--	--	--	--	36	--	--	390	--	--	--

275701082230303 - USCE WELL TBC-13 AT TAMPA, FLA (LAT 27 57 01 LONG 082 23 03.03)

MAY , 1979											
14...	3.5	--	172	61	130	.1	--	637	--	.87	--

275701082230304 - USCE WELL TBC-16 AT TAMPA, FLA (LAT 27 57 01 LONG 082 23 03.04)

MAY , 1979											
14...	--	--	--	--	450	--	--	1200	--	--	--
SEP											
20...	--	--	--	--	440	--	--	1170	--	--	--

275724082161101 - BRANDON 6 CAMELOT (LAT 27 57 24 LONG 082 16 11.01)

AUG , 1979											
07...	.7	--	100	2.3	8.6	.1	12	158	145	.21	10

275724082221001 - STRUCTURE 160 WELL NEAR TAMPA,FL. (LAT 27 57 24 LONG 082 22 10.01)

JAN , 1979											
29...	--	--	--	--	81	--	--	448	--	--	--
MAY											
14...	1.8	--	148	88	92	.1	--	475	--	.65	--
SEP											
17...	--	--	--	--	86	--	--	440	--	--	--

275725082221101 - USCE WELL TBC-17 AT TAMPA, FLA (LAT 27 57 25 LONG 082 22 11.01)

MAY , 1979											
14...	--	--	--	--	87	--	--	459	--	--	--
SEP											
17...	--	--	--	--	86	--	--	430	--	--	--

275856082210301 - USCE TEST WELL 2S-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03.01)

MAY , 1979											
16...	.5	--	90	14	9.2	.1	--	146	--	.20	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
HILLSBOROUGH COUNTY											
275858082215201 - USCE WELL TBC-14 NR TAMPA, FLA (LAT 27 58 58 LONG 082 21 52.01)											
MAY , 1979											
16...	1140	24.95	--	190	26	71	1.9	4.2	5	.1	--
280012082204901 - USCE WELL TBC-05 NR TEMPLE TERRACE, FLA (LAT 28 00 12 LONG 082 20 49.01)											
MAY , 1979											
16...	1700	17.87	--	170	47	56	7.8	6.0	7	.2	--
280028082173901 - NE 4 (LAT 28 00 28 LONG 082 17 39.01)											
FEB , 1979											
02...	1330	--	--	59	--	23	.3	4.4	14	.3	--
280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE, FLA (LAT 28 00 30 LONG 082 19 08.01)											
MAY , 1979											
16...	1630	20.65	--	150	35	51	4.3	4.6	6	.2	--
280034082172801 - NE 21 (LAT 28 00 34 LONG 082 17 28.01)											
FEB , 1979											
02...	1130	--	--	200	--	75	2.5	5.2	5	.2	--
280034082172802 - NORTHEAST 21A (LAT 28 00 34 LONG 082 17 28.02)											
FEB , 1979											
02...	1130	--	--	150	--	58	2.2	5.2	7	.2	--
280034082173001 - NORTHEAST LF 23 (LAT 28 00 34 LONG 082 17 30.01)											
FEB , 1979											
02...	1200	--	--	170	--	65	2.3	5.0	6	.2	--
280038082204201 - EVRGLDS AQTC NRSRY WELL ES-55(#608)NR TT (WQ-10) (LAT 28 00 38 LONG 082 20 42.01)											
MAY , 1979											
16...	1745	18.12	--	180	41	60	6.5	5.5	6	.2	--
280043082173001 - NE 20 (LAT 28 00 43 LONG 082 17 30.01)											
FEB , 1979											
02...	1230	--	--	140	--	52	2.4	5.2	7	.2	--
280055082222701 - USCE WELL TBC-09 AT TEMPLE TERRACE, FLA (LAT 28 00 55 LONG 082 22 27.01)											
MAY , 1979											
16...	1345	21.25	--	200	52	69	7.6	12	11	.4	--
280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)											
NOV , 1978											
09...	0845	--	--	180	--	64	4.1	4.2	5	.1	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS 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)
------	--	---	---	--	--	---	--	---	--	--	---

HILLSBOROUGH COUNTY

275858082215201 - USCE WELL TBC-14 NR TAMPA, FLA (LAT 27 58 58 LONG 082 21 52.01)

MAY , 1979											
16...	.6	--	164	17	14	.1	--	241	--	.33	--

280012082204901 - USCE WELL TBC-05 NR TEMPLE TERRACE, FLA (LAT 28 00 12 LONG 082 20 49.01)

MAY , 1979											
16...	.8	--	123	48	9.8	.2	--	249	--	.34	--

280028082173901 - NE 4 (LAT 28 00 28 LONG 082 17 39.01)

FEB , 1979											
02...	.7	--	--	--	5.0	--	--	--	--	--	--

280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE,FL. (LAT 28 00 30 LONG 082 19 08.01)

MAY , 1979											
16...	.6	--	115	26	8.3	.1	--	212	--	.29	--

280034082172801 - NE 21 (LAT 28 00 34 LONG 082 17 28.01)

FEB , 1979											
02...	.5	--	--	--	11	--	--	--	--	--	--

280034082172802 - NORTHEAST 21A (LAT 28 00 34 LONG 082 17 28.02)

FEB , 1979											
02...	.5	--	--	--	12	--	--	--	--	--	--

280034082173001 - NORTHEAST LF 23 (LAT 28 00 34 LONG 082 17 30.01)

FEB , 1979											
02...	.5	--	--	--	10	--	--	--	--	--	--

280038082204201 - EVRGLDS AQTC NRSRY WELL ES-55(#603)NR TT (WQ-10) (LAT 28 00 38 LONG 082 20 42.01)

MAY , 1979											
16...	.6	--	139	54	9.9	.1	--	258	--	.35	--

280043082173001 - NE 20 (LAT 28 00 43 LONG 082 17 30.01)

FEB , 1979											
02...	.2	--	--	--	18	--	--	--	--	--	--

280055082222701 - USCE WELL TBC-09 AT TEMPLE TERRACE, FLA (LAT 28 00 55 LONG 082 22 27.01)

MAY , 1979											
16...	.8	--	148	48	22	.1	--	275	--	.37	--

280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)

NOV , 1978											
09...	.5	--	--	--	8.3	--	--	--	--	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
HILLSBOROUGH COUNTY										
280103082210901 - USCE WELL TBC-06 NR TEMPLE TERRACE, FLA (LAT 28 01 03 LONG 082 21 09.01)										
MAY , 1979										
16...	1300	18.13	--	190	51	67	5.1	10	10	.3 --
280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)										
NOV , 1978										
08...	0845	--	--	170	--	57	6.1	5.4	7	.2 --
280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)										
NOV , 1978										
08...	0920	--	--	160	--	59	3.9	5.9	7	.2 --
280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)										
NOV , 1978										
09...	1015	--	--	130	--	44	5.3	7.8	11	.3 --
280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)										
NOV , 1978										
09...	0945	--	--	470	--	130	35	920	77	18 --
280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)										
NOV , 1978										
08...	1010	--	--	160	--	56	3.9	4.7	6	.2 --
280116082205301 - USCE TEST WELL 2W-ES NR TEMPLE TERRACE (WQ-05) (LAT 28 01 16 LONG 082 20 53.01)										
MAY , 1979										
16...	1530	18.28	--	180	49	63	6.4	6.0	7	.2 --
280117082193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)										
NOV , 1978										
08...	0945	--	--	150	--	55	3.3	5.2	7	.2 --
280221082342901 - ROCKY CREEK LF 53 (LAT 28 02 21 LONG 082 34 29.01)										
NOV , 1978										
06...	1140	--	--	190	--	69	4.2	7.6	8	.2 --
280221082342902 - ROCKY CREEK L F 53A (LAT 28 02 21 LONG 082 34 29.02)										
NOV , 1978										
06...	1130	--	--	180	--	67	3.5	6.7	7	.2 --
280226082341201 - ROCKY CREEK LF 70 (LAT 28 02 26 LONG 082 34 12.01)										
NOV , 1978										
07...	0930	--	--	43	--	12	3.2	11	35	.7 --



GROUND WATER QUALITY RECORDS  
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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C 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)
HILLSBOROUGH COUNTY											
280103082210901 - USCE WELL TBC-06 NR TEMPLE TERRACE, FLA (LAT 28 01 03 LONG 082 21 09.01)											
MAY , 1979 16...	2.0	--	139	41	17	.1	--	264	--	.36	--
280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)											
NOV , 1978 08...	.6	--	--	--	19	--	--	--	--	--	--
280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)											
NOV , 1978 08...	.6	--	--	--	12	--	--	--	--	--	--
280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)											
NOV , 1978 09...	1.7	--	--	--	6.2	--	--	--	--	--	--
280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)											
NOV , 1978 09...	100	--	--	--	250	--	--	--	--	--	--
280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)											
NOV , 1978 08...	.6	--	--	--	8.8	--	--	--	--	--	--
280116082205301 - USCE TEST WELL 2W-ES NR TEMPLE TERRACE (WQ-05) (LAT 28 01 16 LONG 082 20 53.01)											
MAY , 1979 16...	.8	--	131	41	9.4	.3	--	246	--	.33	--
280117082193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)											
NOV , 1978 08...	.6	--	--	--	10	--	--	--	--	--	--
280221082342901 - ROCKY CREEK LF 53 (LAT 28 02 21 LONG 082 34 29.01)											
NOV , 1978 06...	.8	--	--	--	13	--	--	--	--	--	--
280221082342902 - ROCKY CREEK L F 53A (LAT 28 02 21 LONG 082 34 29.02)											
NOV , 1978 06...	.7	--	--	--	15	--	--	--	--	--	--
280226082341201 - ROCKY CREEK LF 70 (LAT 28 02 26 LONG 082 34 12.01)											
NOV , 1978 07...	.4	--	--	--	22	--	--	--	--	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)	
HILLSBOROUGH COUNTY												
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)												
NOV , 1978	07...	1015	--	--	750	--	240	36	300	46	4.8	--
280228082335902 - ROCKY CREEK LF 74 (LAT 28 02 28 LONG 082 33 59.02)												
NOV , 1978	07...	0830	--	--	31	--	11	.9	6.9	32	.5	--
280231082343601 - ROCKY CREEK LF 85 (LAT 28 02 31 LONG 082 34 36.01)												
NOV , 1978	07...	1230	--	--	190	--	68	4.0	6.4	7	.2	--
280231082343602 - ROCKY CREEK LF 84 (LAT 28 02 31 LONG 082 34 36.02)												
NOV , 1978	07...	1200	--	--	100	--	34	3.9	45	49	1.9	--
280231082343603 - ROCKY CREEK LF 83 (LAT 28 02 31 LONG 082 34 36.03)												
NOV , 1978	07...	1100	--	--	180	--	64	3.8	7.9	9	.3	--
280235082335801 - ROCKY CREEK LF 98 (LAT 28 02 35 LONG 082 33 58.01)												
NOV , 1978	06...	1000	--	--	190	--	68	3.8	6.7	7	.2	--
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)												
NOV , 1978	06...	1045	--	--	190	--	68	3.6	6.5	7	.2	--
280243082203701 - USCE WELL TBC-01 NR TEMPLE TERRACE, FLA (LAT 28 02 43 LONG 082 20 37.01)												
MAY , 1979	17...	0920	22.90	--	100	21	39	1.3	3.4	7	.1	--
280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02.01)												
MAY , 1979	17...	1030	26.08	--	220	40	82	3.4	6.3	6	.2	--
280450082325509 - CARROLWOOD MEADOWS TREATED, PRIVATE RESIDENCE (LAT 28 04 50 LONG 082 32 55.09)												
JAN , 1979	30...	0945	--	0	200	12	75	3.1	5.2	5	.2	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C 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)
HILLSBOROUGH COUNTY											
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)											
NOV , 1978 07...	23	--	--	--	410	--	--	--	--	--	--
280228082335902 - ROCKY CREEK LF 74 (LAT 28 02 28 LONG 082 33 59.02)											
NOV , 1978 07...	.4	--	--	--	13	--	--	--	--	--	--
280231082343601 - ROCKY CREEK LF 85 (LAT 28 02 31 LONG 082 34 36.01)											
NOV , 1978 07...	.7	--	--	--	9.8	--	--	--	--	--	--
280231082343602 - ROCKY CREEK LF 84 (LAT 28 02 31 LONG 082 34 36.02)											
NOV , 1978 07...	.1	--	--	--	120	--	--	--	--	--	--
280231082343603 - ROCKY CREEK LF 83 (LAT 28 02 31 LONG 082 34 36.03)											
NOV , 1978 07...	.8	--	--	--	9.3	--	--	--	--	--	--
280235082335801 - ROCKY CREEK LF 98 (LAT 28 02 35 LONG 082 33 58.01)											
NOV , 1978 06...	.8	--	--	--	9.6	--	--	--	--	--	--
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)											
NOV , 1978 06...	.7	--	--	--	9.1	--	--	--	--	--	--
280243082203701 - USCE WELL TBC-01 NR TEMPLE TERRACE, FLA (LAT 28 02 43 LONG 082 20 37.01)											
MAY , 1979 17...	.5	--	82	11	5.8	.1	--	127	--	.17	--
280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02.01)											
MAY , 1979 17...	.5	--	180	45	13	.1	--	280	--	.38	--
280450082325509 - CARROLWOOD MEADOWS TREATED+PRIVATE RESIDENCE (LAT 28 04 50 LONG 082 32 55.09)											
JAN , 1979 30...	.6	0	190	1.1	17	.1	13	246	229	.33	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEVATION (FT.) NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
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## HILLSBOROUGH COUNTY

280605082184101 - MORRIS BRIDGE DP WELL 12 NR BRANCHTON, FL (LAT 28 06 05 LONG 082 18 41.01)

[illegible]

280614082411601 - E LAKE MONITOR M2 DP WELL NR TARPON SPRINGS,FL (LAT 28 06 14 LONG 082 41 16.01)

[illegible]

280642082195801 - MORRIS BRIDGE DP WELL 3B NR BRANCHTON (WQ-01) (LAT 28 06 42 LONG 082 19 58.01)

MAY, 1979											
17...	1140	28.75	--	320	37	120	4.1	7.2	5	.2	--

280652082195101 - MORRIS BRIDGE WF D. WELL 3C NR BRANCHTON (LAT 28 06 52 LONG 082 19 51.01)

[illegible]

280659082175201 - MORRIS BRIDGE DP WELL 13 NR BRANCHTON (LAT 28 06 55 LONG 082 17 52.01)

[illegible]

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINIT (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C 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)
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HILLSBOROUGH COUNTY

280605082184101 - MORRIS BRIDGE DP WELL 12 NR BRANCHTON, FL (LAT 28 06 05 LONG 082 18 41.01)

NOV , 1978											
15...	--	--	--	78	13	--	--	--	--	--	--
15...	--	--	--	25	16	--	--	--	--	--	--
JAN , 1979											
12...	--	--	--	37	15	--	--	--	--	--	--
12...	--	--	--	34	11	--	--	--	--	--	--
MAR											
23...	--	--	--	100	15	--	--	--	--	--	--
23...	--	--	--	17	30	--	--	--	--	--	--
MAY											
21...	--	--	--	25	25	--	--	--	--	--	--
21...	--	--	--	35	12	--	--	--	--	--	--
JUL											
20...	--	--	--	36	10	--	--	--	--	--	--
20...	--	--	--	13	14	--	--	--	--	--	--
SEP											
14...	--	--	--	44	12	--	--	--	--	--	--
14...	--	--	--	43	16	--	--	--	--	--	--

280614082411601 - E LAKE MONITOR M2 DP WELL NR TARPON SPRINGS, FL (LAT 28 06 14 LONG 082 41 16.01)

JAN , 1979											
10...	--	--	--	180	1500	--	--	2960	--	--	--
10...	--	--	--	440	1900	--	--	4430	--	--	--
JUL											
16...	--	--	--	150	1500	--	--	3050	--	--	--
16...	--	--	--	440	2000	--	--	4670	--	--	--

280642082195801 - MORRIS BRIDGE DP WELL 3B NR BRANCHTON (WQ-01) (LAT 28 06 42 LONG 082 19 58.01)

MAY , 1979											
17...	.2	--	280	1.6	15	.1	--	321	--	.44	--

280652082195101 - MORRIS BRIDGE WF D. WELL 3C NR BRANCHTON (LAT 28 06 52 LONG 082 19 51.01)

NOV , 1978											
15...	--	--	--	9.6	12	--	--	--	--	--	--
15...	--	--	--	1600	78	--	--	--	--	--	--
JAN , 1979											
12...	--	--	--	1600	74	--	--	--	--	--	--
MAR											
23...	--	--	--	1300	76	--	--	--	--	--	--
MAY											
21...	--	--	--	810	82	--	--	--	--	--	--
JUL											
20...	--	--	--	1500	118	--	--	--	--	--	--
SEP											
14...	--	--	--	630	80	--	--	--	--	--	--

280659082175201 - MORRIS BRIDGE DP WELL 13 NR BRANCHTON (LAT 28 06 55 LONG 082 17 52.01)

NOV , 1978											
15...	--	--	--	16	10	--	--	--	--	--	--
JAN , 1979											
12...	--	--	--	4.3	9.5	--	--	--	--	--	--
12...	--	--	--	2.6	51	--	--	--	--	--	--
MAR											
22...	--	--	--	25	14	--	--	--	--	--	--
MAY											
21...	--	--	--	3.3	10	--	--	--	--	--	--
JUL											
20...	--	--	--	24	10	--	--	--	--	--	--
SEP											
14...	--	--	--	86	15	--	--	--	--	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM AD- SORP- TION RATIO SODIUM PERCENT (00932)	SODIUM POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)	
LEE COUNTY											
263117082051002 - 45S22E26 L-2821						PINE ISLAND CT (LAT 26 31 17 LONG 082 05 10.02)					
OCT , 1978											
26...	1225	--	5	480	310	66	74	250	52	5.0	--
MAY , 1979											
08...	1530	--	0	450	290	63	68	240	53	5.0	--
263347082002601 - 45S23E09 L-1119						PINE IS CENTER (LAT 26 33 47 LONG 082 00 26.01)					
MAY , 1979											
10...	1300	--	5	420	210	89	48	79	29	1.7	--
263357081575602 - 45S23E12 L-2703						FORT MYERS SW (LAT 26 33 57 LONG 081 57 56.02)					
MAY , 1979											
10...	0930	--	5	360	170	67	46	200	54	4.6	--
263743082041201 - 44S22E24 L-2645						MYTLACAA (LAT 26 37 43 LONG 082 04 12.01)					
MAY , 1979											
08...	1230	--	5	400	200	69	54	210	52	4.6	--
263814082020701 - 44S23E1744S23E17 L-1058						MATLACHA (LAT 26 38 14 LONG 082 02 07.01)					
MAY , 1979											
08...	1030	--	5	490	320	74	72	260	53	5.2	--
263834082005301 - 44S23E16 L-781 (LAT 26 38 34 LONG 082 00 53.01)											
MAY , 1979											
08...	1000	--	5	410	240	64	60	180	48	3.9	--
264002082012801 - 44S23E05 L-2700						MATLACHA FL (LAT 26 40 02 LONG 082 01 28.01)					
MAY , 1979											
08...	1330	--	0	740	600	120	100	450	57	7.3	--
264009082085002 - 44S22E06 L-2820						BOKEELIA FL (LAT 25 40 09 LONG 082 08 50.02)					
MAY , 1979											
08...	1430	--	5	490	340	84	66	250	52	5.0	--
264054081592601 - 43S23E35 L1106						FT MYERS NW (LAT 26 40 54 LONG 081 59 26.01)					
MAY , 1979											
07...	1430	--	5	330	95	53	46	87	36	2.1	--
264055081583101 - 43S23E35 L-1109						FT MYERS NW (LAT 26 40 55 LONG 081 58 31.01)					
MAY , 1979											
07...	1500	--	5	250	11	41	35	57	32	1.6	--



GROUND WATER QUALITY RECORDS  
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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	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)
LEE COUNTY											
263117082051002 - 45S22E26 L-2821 PINE ISLAND CT (LAT 26 31 17 LONG 082 05 10.02)											
OCT , 1978											
26...	20	0	160	210	480	1.8	25	1250	1230	1.70	0
MAY , 1979											
08...	20	0	160	220	420	1.8	24	1250	1160	1.70	0
263347082002601 - 45S23E09 L-1119 PINE IS CENTER (LAT 26 33 47 LONG 082 00 26.01)											
MAY , 1979											
10...	7.3	0	210	17	270	.4	65	865	705	1.18	20
263357081575602 - 45S23E12 L-2703 FORT MYERS SW (LAT 26 33 57 LONG 081 57 56.02)											
MAY , 1979											
10...	12	0	190	74	420	.7	38	1020	973	1.39	0
263743082041201 - 44S22E24 L-2645 MYTLACAA (LAT 26 37 43 LONG 082 04 12.01)											
MAY , 1979											
08...	15	0	210	66	450	1.1	30	1110	1020	1.51	0
263814082020701 - 44S23E1744S23E17 L-1058 MATLACHA (LAT 26 38 14 LONG 082 02 07.01)											
MAY , 1979											
08...	19	0	160	120	580	.8	30	1350	1260	1.84	10
263834082005301 - 44S23E16 L-781 (LAT 26 38 34 LONG 082 00 53.01)											
MAY , 1979											
08...	19	0	170	65	440	1.5	37	1040	975	1.41	20
264002082012801 - 44S23E05 L-2700 MATLACHA FL (LAT 26 40 02 LONG 082 01 28.01)											
MAY , 1979											
08...	21	0	140	260	980	.5	17	2270	2060	3.09	10
264009082085002 - 44S22E06 L-2820 BOKEELIA FL (LAT 25 40 09 LONG 082 08 50.02)											
MAY , 1979											
08...	23	0	150	28	650	1.4	18	1480	1220	2.01	0
264054081592601 - 43S23E35 L1106 FT MYERS NW (LAT 26 40 54 LONG 081 59 26.01)											
MAY , 1979											
07...	17	0	230	40	200	1.2	47	683	632	.93	70
264055081583101 - 43S23E35 L-1109 FT MYERS NW (LAT 26 40 55 LONG 081 58 31.01)											
MAY , 1979											
07...	12	0	240	24	88	1.3	40	448	443	.61	90

GROUND WATER QUALITY RECORDS  
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[illegible]

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C 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)
LEE COUNTY											
264120082022101 - 43S23E32 L-1113 MATLACHA (LAT 26 41 12 LONG 082 02 21.01)											
MAY , 1979 07...	19	0	130	230	1100	.7	21	2460	2220	3.35	30
264146081592301 - 43S23E35 L-1107 FT MYERS NW (LAT 26 41 46 LONG 081 59 23.01)											
MAY , 1979 08...	12	0	210	17	190	1.3	36	581	545	.79	0
264241081582401 - 43S23E25 L-1110 FT MYERS NW (LAT 26 42 41 LONG 081 58 24.01)											
MAY , 1979 09...	17	0	190	30	380	1.2	35	1030	835	1.40	0
264517082022101 - 43S23E07 L-1059 DUNTA GORDA SE (LAT 26 45 17 LONG 082 02 21.01)											
MAY , 1979 07...	7.5	0	170	15	440	.9	30	1110	912	1.51	10
LEVY COUNTY											
290205082421201 - 90224204 17S16E05 YANKEETOWN NO 3 (LAT 29 02 05 LONG 082 42 12.01)											
NOV , 1978 01...	.3	0	250	16	19	.1	5.2	317	308	.43	280
291250082341901 - 91223401 15S17E03 NORMA CARVER (LAT 29 12 50 LONG 082 34 19.01)											
OCT , 1978 19...	.2	0	81	4.1	3.5	.0	7.1	105	99	.14	60
291620082255101 - 91622501 14S19E07 JAMES BLITCH MORRISTON (LAT 29 16 20 LONG 082 25 51.01)											
OCT , 1978 31...	1.3	0	180	2.9	11	.1	6.0	228	213	.31	0
MANATEE COUNTY											
272558082360601 - EL CONQUISTADOR BAY COUNTRY CLUB (LAT 27 25 58 LONG 082 36 06.01)											
MAY , 1979 11...	--	--	--	530	330	--	--	--	--	--	--
272701082283601 - UNIV. OF FLA. AG. RES. CNTR. EXPERIMENTAL FARM (LAT 27 27 01 LONG 082 28 36.01)											
MAY , 1979 11...	--	--	--	420	35	--	--	--	--	--	--
272727082191201 - TIM JORDAN DP WELL NR WATERBURY (LAT 27 27 27 LONG 082 19 12.01)											
APR , 1979 30...	--	--	--	140	16	--	--	--	--	--	--
272740082373001 - SANTA ROSA G AND C C (LAT 27 27 40 LONG 082 37 30.01)											
MAY , 1979 23...	--	--	--	320	360	--	--	--	--	--	--

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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	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)
MANATEE COUNTY											
272750082380701 - PALMA SOLA GOLF CLUB - SOUTH (LAT 27 27 50 LONG 082 38 07.01)											
MAY , 1979 23...	--	--	--	610	630	--	--	--	--	--	--
272811082380101 - PALMA SOLA GOLF CLUB - NORTH (LAT 27 28 11 LONG 082 38 01.01)											
MAY , 1979 23...	--	--	--	590	470	--	--	--	--	--	--
273117082210201 - RUTLAND RANCH DP WELL NR PARRISH (LAT 27 31 17 LONG 082 21 02.01)											
MAY , 1979 01...	--	--	--	110	17	--	--	--	--	--	--
273131082430301 - KEY ROYAL C C NEW WELL (LAT 27 31 31 LONG 082 43 03.01)											
MAY , 1979 11...	--	--	--	520	610	--	--	--	--	--	--
273340082353501 - PARKER - TERRA CEIA (LAT 27 33 40 LONG 082 35 35.01)											
MAY , 1979 11...	--	--	--	540	320	--	--	--	--	--	--
273432082204601 - BLAKE WHISENANT -- WHISENANT FARMS - SEC.30 WELL (LAT 27 34 32 LONG 082 20 46.01)											
MAY , 1979 25...	--	--	--	180	16	--	--	--	--	--	--
273531082150501 - H&G #1 DP WELL NR PARRISH,FLA. (LAT 27 35 31 LONG 082 15 05.01)											
APR , 1979 27...	--	--	--	490	15	--	--	--	--	--	--
MAY 31...	--	--	--	240	15	--	--	--	--	--	--
273551082151201 - H&G #2 DP WELL NR PARRISH,FLA. (LAT 27 35 51 LONG 082 15 12.01)											
APR , 1979 27...	--	--	--	130	--	--	--	--	--	--	--
273820082155901 - LEE(BUCK) STRICKLAND -- SOUTH WELL (LAT 27 38 20 LONG 082 15 59.01)											
MAY , 1979 25...	--	--	--	360	17	--	--	--	--	--	--
273842082175001 - S W HILLSBOROUGH 3 NR WIMAUMA (LAT 27 38 42 LONG 082 17 50.01)											
MAY , 1979 22...	--	--	--	5.9	5.3	--	--	253	--	.34	--

GROUND WATER QUALITY RECORDS  
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DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
MARION COUNTY											
285958082103901 - 85921002 17521E23 MARIOW OAKS NO 3 (LAT 28 59 58 LONG 082 10 39.01)											
OCT , 1978											
19...	1450	--	5	160	51	53	6.0	4.4	6	.2	--
290255082273601 - 90222702 16518E35 CITY OF DUNNELLON NO 1 (LAT 29 02 55 LONG 082 27 36.01)											
NOV , 1978											
01...	1335	--	5	140	35	40	10	8.8	12	.3	--
290312082250801 - 90322501 16519E32 CE 14 US GEOL SURVEY (LAT 29 03 12 LONG 082 25 08.01)											
JAN , 1979											
30...	1040	--	5	130	12	47	2.3	2.7	4	.1	--
290614082274801 - 90622701 16518E11 SCE 170 RAINBOWS END GOLF CRS (LAT 29 06 14 LONG 082 27 48.01)											
NOV , 1978											
01...	1010	--	5	35	6	11	1.9	2.5	13	.2	--
291056082263201 - 91022601 15518E13 HERSEL KYPER ROMEO (LAT 29 10 56 LONG 082 26 32.01)											
NOV , 1978											
01...	0930	--	10	130	0	47	3.3	2.4	4	.1	--
291422082151201 - 91421503 14520E25 GOLDEN HILLS IRRIGATION (LAT 29 14 22 LONG 082 15 12.01)											
OCT , 1978											
19...	1300	--	5	240	45	82	9.0	5.2	4	.1	--
291616082195001 - 91621901 14520E17 CE 19 FFS BLITCHTON (LAT 29 16 16 LONG 082 19 50.01)											
OCT , 1978											
31...	1240	--	5	230	8	82	6.0	5.1	5	.1	--
PASCO COUNTY											
281846082085501 - 81820801 25522E18 LARKIN CO. W/LOG (LAT 28 18 46 LONG 082 08 55.01)											
OCT , 1978											
18...	0910	--	5	120	23	44	2.7	5.1	8	.2	--
281930082093701 - 81920901 25521E12 LYKES-PASCO FERTILIZER (LAT 28 19 30 LONG 082 09 37.01)											
OCT , 1978											
13...	1420	--	5	110	20	41	2.5	4.4	8	.2	--
281936082112201 - 81921106 25521E10 TOMOAKLEY RESIDENCE (LAT 28 19 36 LONG 082 11 22.01)											
OCT , 1978											
17...	1400	--	5	150	25	54	3.3	6.8	9	.2	--
282011082162701 - 82021601 25520E02 SAN ANTONIO PROD WELL (LAT 28 20 11 LONG 082 16 27.01)											
OCT , 1978											
12...	1040	--	5	130	14	48	2.2	4.4	7	.2	--



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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C 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)
MARION COUNTY											
285958082103901 - 85921002 17S21E23 MARIOW OAKS NO 3 (LAT 28 59 58 LONG 082 10 39.01)											
OCT , 1978 19...	.4	0	110	37	7.0	.1	8.6	192	181	.26	40
290255082273601 - 90222702 16S18E35 CITY OF DUNNELLON NO 1 (LAT 29 02 55 LONG 082 27 36.01)											
NOV , 1978 01...	1.2	0	110	30	12	.1	5.5	180	172	.24	40
290312082250801 - 90322501 16S19E32 CE 14 US GEOL SURVEY (LAT 29 03 12 LONG 082 25 08.01)											
JAN , 1979 30...	.1	0	110	3.5	4.9	.1	6.4	134	136	.18	110
290614082274801 - 90622701 16S18E11 SCE 170 RAINBOWS END GOLF CRS (LAT 29 06 14 LONG 082 27 48.01)											
NOV , 1978 01...	.2	0	30	3.4	3.7	.2	8.7	61	49	.08	10
291056082263201 - 91022601 15S18E13 HERSHEL KYPER ROMEO (LAT 29 10 56 LONG 082 26 32.01)											
NOV , 1978 01...	.1	0	130	3.6	3.9	.1	5.3	144	145	.20	90
291422082151201 - 91421503 14S20E25 GOLDEN HILLS IRRIGATION (LAT 29 14 22 LONG 082 15 12.01)											
OCT , 1978 19...	.4	0	200	12	8.6	.3	16	252	252	.34	50
291616082195001 - 91621901 14S20E17 CE 19 FFS BLITCHTON (LAT 29 16 16 LONG 082 19 50.01)											
OCT , 1978 31...	.2	0	220	2.0	8.2	.2	20	265	257	.36	10
PASCO COUNTY											
281846082085501 - 81820801 25S22E18 LARKIN CO. W/LOG (LAT 28 18 46 LONG 082 08 55.01)											
OCT , 1978 18...	.5	0	97	6.1	9.7	.1	12	155	139	.21	770
281930082093701 - 81920901 25S21E12 LYKES-PASCO FERTILIZER (LAT 28 19 30 LONG 082 09 37.01)											
OCT , 1978 13...	2.8	0	90	7.9	14	.1	8.0	193	135	.26	40
281936082112201 - 81921106 25S21E10 TOMOAKLEY RESIDENCE (LAT 28 19 36 LONG 082 11 22.01)											
OCT , 1978 17...	.5	0	120	4.3	15	.1	7.8	199	166	.27	30
282011082162701 - 82021601 25S20E02 SAN ANTONIO PROD WELL (LAT 28 20 11 LONG 082 16 27.01)											
OCT , 1978 12...	.5	0	110	2.7	8.0	.1	9.6	160	145	.22	520

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DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
PASCO COUNTY											
282038082112001 - 82021101 25S21E03 EVANS MAIN PLANT WELL (LAT 28 20 38 LONG 082 11 20.01)											
OCT , 1978	12...	1420	--	5	150	22	49	5.5	5.0	7	.2 --
282147082113001 - 82121101 24S21E27 DADE CITY NO 1 (LAT 28 21 47 LONG 082 11 30.01)											
OCT , 1978	13...	1030	--	5	140	24	47	5.1	4.7	7	.2 --
282155082132601 - 82121301 24S21E29 SHUTTLEWELL (LAT 28 21 55 LONG 082 13 26.01)											
OCT , 1978	13...	1120	--	10	120	42	44	2.8	7.0	11	.3 --
282233082112202 - 82221112 24S21E22 LYKES-PASCO NO.9 (LAT 28 22 33 LONG 082 11 22.02)											
OCT , 1978	17...	1025	--	10	150	23	50	5.1	5.7	8	.2 --
282235082111901 - 82221115 24S21E22 LYKES-PASCO NO. 13 (LAT 28 22 35 LONG 082 11 19.01)											
OCT , 1978	17...	1005	--	10	160	24	54	6.8	5.1	6	.2 --
282346082114901 - 82321105 24S21E15 SAPP WELL W/LOG (LAT 28 23 46 LONG 082 11 49.01)											
OCT , 1978	13...	0950	--	5	110	12	38	3.7	4.0	7	.2 --
282428082182801 - 82421801 24S20E09 MOODY LAKE WELL (LAT 28 24 28 LONG 082 18 28.01)											
OCT , 1978	18...	1140	--	5	140	18	48	5.1	4.3	6	.2 --
282430082112101 - 82421102 24S21E10 SELF WELL (LAT 28 24 30 LONG 082 11 21.01)											
OCT , 1978	13...	1210	--	10	140	13	50	2.7	4.3	6	.2 --
282717082142001 - 82721401 23S21E30 ROSSINI WELL WEST OF TRILBY (LAT 28 27 17 LONG 082 14 20.01)											
JAN , 1979	26...	1210	--	0	120	11	38	5.4	3.9	7	.2 --
PINELLAS COUNTY											
274259082405401 - WELL NUMBER A3 SW ST PETERSBURG INJ WELL 1120 (LAT 27 42 59 LONG 082 40 54.01)											
AUG , 1979	22...	0925	--	10	6200	6000	500	1200	9100	76	50 9100
274259082405402 - WELL NUMBER B6 SW ST PETERSBURG INJ MON 850 (LAT 27 42 59 LONG 082 40 54.02)											
AUG , 1979	22...	1735	--	5	6100	5900	440	1200	8700	75	49 9000

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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C 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)
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PASCO COUNTY

282038082112001 - 82021101 25521E03 EVANS MAIN PLANT WELL (LAT 28 20 38 LONG 082 11 20.01)

OCT , 1978											
12...	.3	0	120	12	8.0	.1	9.4	172	164	.23	30

282147082113001 - 82121101 24521E27 DADE CITY NO 1 (LAT 28 21 47 LONG 082 11 30.01)

OCT , 1978											
13...	.4	0	110	14	8.0	.1	9.5	170	158	.23	10

282155082132601 - 82121301 24521E29 SHUTTLE WELL (LAT 28 21 55 LONG 082 13 26.01)

OCT , 1978											
13...	.3	0	80	1.3	14	.1	11	201	129	.27	200

282233082112202 - 82221112 24521E22 LYKES-PASCO NO.9 (LAT 28 22 33 LONG 082 11 22.02)

OCT , 1978											
17...	.6	0	120	12	9.1	.1	9.2	176	166	.24	70

282235082111901 - 82221115 24521E22 LYKES-PASCO NO. 13 (LAT 28 22 35 LONG 082 11 19.01)

OCT , 1978											
17...	.5	0	140	16	8.5	.1	9.5	191	185	.26	0

282346082114901 - 82321105 24521E15 SAPP WELL W/LOG (LAT 28 23 46 LONG 082 11 49.01)

OCT , 1978											
13...	.4	0	98	5.0	6.6	.1	9.5	134	127	.18	50

282428082182801 - 82421801 24520E09 MOODY LAKE WELL (LAT 28 24 28 LONG 082 18 28.01)

OCT , 1978											
18...	.5	0	120	.5	8.2	.3	19	173	160	.24	110

282430082112101 - 82421102 24521E10 SELF WELL (LAT 28 24 30 LONG 082 11 21.01)

OCT , 1978											
13...	.3	0	120	5.7	7.2	.1	7.6	158	152	.21	130

282717082142001 - 82721401 23521E30 ROSSINI WELL WEST OF TRILBY (LAT 28 27 17 LONG 082 14 20.01)

JAN , 1979											
26...	.3	0	110	6.3	7.2	.1	10	137	135	.19	0

PINELLAS COUNTY

274259082405401 - WELL NUMBER A3 SW ST PETERSBURG INJ WELL 1120 (LAT 27 42 59 LONG 082 40 54.01)

AUG , 1979											
22...	5.1	--	180	2400	17000	.8	14	35600	30400	48.4	--

274259082405402 - WELL NUMBER B6 SW ST PETERSBURG INJ MON 850 (LAT 27 42 59 LONG 082 40 54.02)

AUG , 1979											
22...	330	--	154	2200	16000	.6	11	33100	29100	45.0	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
PINELLAS COUNTY											
274259082410203 - WELL NUMBER B3 SW ST PETERSBURG MON 851 (LAT 27 42 59 LONG 082 41 02.03)											
AUG , 1979											
22...	1245	--	2	5300	5100	460	1000	6900	73	41	7200
274259082411202 - SOUTHWEST C1 (LAT 27 42 59 LONG 082 41 12.02)											
JUL , 1979											
10...	1440	--	5	6500	6300	1100	900	9400	75	51	9800
AUG											
22...	1200	--	8	6200	6000	490	1200	8900	76	49	8900
274259082411203 - SOUTHWEST C2 (LAT 27 42 59 LONG 082 41 12.03)											
AUG , 1979											
21...	1320	--	25	8600	8400	1800	980	7000	64	33	7200
274756082371501 - WELL NUMBER S1 SUNSET GOLF COURSE (LAT 27 47 56 LONG 082 37 15.01)											
OCT , 1978											
17...	0915	--	5	600	440	210	18	190	41	3.4	--
274819082374001 - WELL NUMBER S2 CRISP PARK (LAT 27 48 19 LONG 082 37 40.01)											
OCT , 1978											
24...	1100	--	20	310	120	110	7.8	38	21	.9	--
274848082363401 - WELL NUMBER S3 NE PRESBYTERIAN CHURCH (LAT 27 48 48 LONG 082 36 34.01)											
OCT , 1978											
07...	1200	--	--	--	--	--	--	--	--	--	--
17...	1200	--	400	610	0	140	63	300	51	5.3	--
274850082371601 - WELL NUMBER S4 JM WINTER (LAT 27 48 50 LONG 082 37 16.01)											
OCT , 1978											
19...	1200	--	20	280	80	100	6.5	38	23	1.0	--
274902082390401 - WELL NUMBER S5 ROBERT COMMUNITY CENTER (LAT 27 49 02 LONG 082 39 04.01)											
OCT , 1978											
24...	0930	--	10	280	88	96	8.7	28	18	.7	--
274910082380401 - WELL NUMBER S6 SHORECREST HIGH SCHOOL (LAT 27 49 10 LONG 082 38 04.01)											
OCT , 1978											
24...	0945	--	20	290	82	98	10	39	23	1.0	--
274915082364701 - WELL NUMBER S7 GILLOTTS (LAT 27 49 15 LONG 082 36 47.01)											
OCT , 1978											
24...	1330	--	140	120	0	16	20	190	73	7.5	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS 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)
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PINELLAS COUNTY

274259082410203 - WELL NUMBER B3 SW ST PETERSBURG MON 851 (LAT 27 42 59 LONG 082 41 02.03)

AUG , 1979											
22...	260	--	164	1900	12000	1.0	14	25800	22700	35.1	--

274259082411202 - SOUTHWEST C1 (LAT 27 42 59 LONG 082 41 12.02)

JUL , 1979											
10...	360	0	170	2800	16000	.6	13	34100	30700	46.4	--
AUG											
22...	5.2	--	167	2400	17000	1.1	13	34500	30200	46.9	--

274259082411203 - SOUTHWEST C2 (LAT 27 42 59 LONG 082 41 12.03)

AUG , 1979											
21...	160	--	215	2500	14000	.7	16	30800	26700	41.9	--

274756082371501 - WELL NUMBER S1 SUNSET GOLF COURSE (LAT 27 47 56 LONG 082 37 15.01)

OCT , 1978											
17...	2.3	0	160	16	550	.1	21	1300	1110	1.77	--

274819082374001 - WELL NUMBER S2 CRISP PARK (LAT 27 48 19 LONG 082 37 40.01)

OCT , 1978											
24...	1.2	0	190	3.2	130	.1	26	498	431	.68	--

274848082363401 - WELL NUMBER S3 NE PRESBYTARIAN CHURCH (LAT 27 48 48 LONG 082 36 34.01)

OCT , 1978											
07...	--	--	664	--	--	--	--	--	--	--	--
17...	12	0	650	53	340	.1	12	1410	1320	1.92	--

274850082371601 - WELL NUMBER S4 JM WINTER (LAT 27 48 50 LONG 082 37 16.01)

OCT , 1978											
19...	1.2	0	200	2.6	110	.1	27	484	405	.66	--

274902082390401 - WELL NUMBER S5 ROBERT COMMUNITY CENTER (LAT 27 49 02 LONG 082 39 04.01)

OCT , 1978											
24...	1.4	0	190	8.0	91	.2	40	470	390	.64	--

274910082380401 - WELL NUMBER S6 SHORECREST HIGH SCHOOL (LAT 27 49 10 LONG 082 38 04.01)

OCT , 1978											
24...	1.8	0	210	9.1	120	.2	32	527	436	.72	--

274915082364701 - WELL NUMBER S7 GILLOTTS (LAT 27 49 15 LONG 082 36 47.01)

OCT , 1978											
24...	27	0	250	60	150	2.0	22	665	644	.90	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
PINELLAS COUNTY										
274937082373301 - WELL NUMBER S8 NEIL (LAT 27 49 37 LONG 082 37 33.01)										
OCT , 1978										
19...	1330	--	10	280	82	98	8.0	36	22	.9 --
274943082380401 - WELL NUMBER S9 RIVIERA METHODIST CHURCH (LAT 27 49 43 LONG 082 38 04.01)										
OCT , 1978										
19...	1030	--	10	260	74	91	8.3	28	19	.8 --
275029082380401 - WELL NUMBER S10 MILLS (LAT 27 50 29 LONG 082 38 04.01)										
OCT , 1978										
19...	0900	--	200	380	85	140	7.4	22	11	.5 --
275135082381901 - WELL NUMBER S11 LIBERTY BAPTIST CHURCH (LAT 27 51 35 LONG 082 38 19.01)										
OCT , 1978										
24...	1300	--	10	460	270	170	8.1	100	32	2.0 --
275210082411601 - PINELLAS CO. LF 18 (LAT 27 52 10 LONG 082 41 16.01)										
JUN , 1979										
05...	0930	--	--	410	--	140	15	200	51	4.3 --
SEP										
21...	1450	--	--	--	--	--	--	--	--	--
27...	1450	--	--	250	--	94	3.6	34	23	.9 35
275218082403601 - PINELLAS CO. LF 10 (LAT 27 52 18 LONG 082 40 36.01)										
DEC , 1978										
19...	0255	--	--	320	--	120	6.0	29	16	.7 --
275224082401901 - PINELLAS CO. LF 24 (LAT 27 52 24 LONG 082 40 19.01)										
DEC , 1978										
19...	0215	--	--	490	--	170	17	95	29	1.9 --
275226082402001 - PINCOLF 0 1 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.01)										
AUG , 1979										
15...	1515	--	--	440	440	150	17	92	31	1.9 93
SEP										
06...	1000	--	--	410	--	140	15	72	28	1.5 73
27...	1115	--	--	380	--	130	14	39	18	.9 40
275226082402002 - PINCOLF 0 2 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.02)										
AUG , 1979										
15...	1525	--	--	460	460	160	15	86	29	1.7 87
SEP										
06...	1015	--	--	430	--	150	14	86	30	1.8 87
23...	1120	--	--	--	--	--	--	--	--	--
27...	1120	--	--	400	--	140	13	75	29	1.6 76



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PINELLAS COUNTY

[illegible]

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEVATION (FT. NGVD) (72020)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	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)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
PINELLAS COUNTY											
275226082402003 - PINCOLF 0 3 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.03)											
JUN , 1979											
07...	1415	--	--	690	--	240	22	91	22	1.5	--
JUL											
17...	1200	--	--	610	610	210	21	96	25	1.7	97
AUG											
15...	1535	--	--	610	610	210	21	91	24	1.6	92
SEP											
06...	1025	--	--	640	--	220	21	94	24	1.6	95
27...	1125	--	--	590	--	200	22	94	26	1.7	95
275226082402004 - PINCOLF 0 4 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.04)											
AUG , 1979											
15...	1545	--	--	460	460	160	14	130	38	2.6	130
SEP											
06...	1040	--	--	510	--	180	15	120	34	2.3	120
23...	1130	--	--	--	--	--	--	--	--	--	--
27...	1130	--	--	430	--	150	14	130	40	2.7	130
275226082402111 - PINCOLF B 1 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.11)											
AUG , 1979											
15...	1340	--	--	470	470	170	11	88	29	1.8	92
30...	1100	--	--	470	470	170	12	78	26	1.6	81
SEP											
06...	1150	--	--	530	--	190	14	96	28	1.8	99
23...	1400	--	--	--	--	--	--	--	--	--	--
27...	1400	--	--	560	--	200	15	98	27	1.8	100
275226082402112 - PINCOLF B 2 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.12)											
AUG , 1979											
15...	1345	--	--	360	360	130	8.6	79	32	1.8	81
30...	1120	--	--	370	370	130	11	90	35	2.0	91
SEP											
06...	1200	--	--	420	--	150	11	93	32	2.0	94
27...	1410	--	--	--	--	--	--	--	--	--	--
275226082402113 - PINCOLF B 3 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.13)											
AUG , 1979											
15...	1350	--	--	330	330	120	8.5	79	34	1.9	80
30...	1135	--	--	390	390	140	9.4	70	28	1.5	71
SEP											
06...	1220	--	--	440	--	160	11	93	31	1.9	94
27...	1420	--	--	--	--	--	--	--	--	--	--
27...	1920	--	--	440	--	160	11	86	30	1.8	87
275226082402114 - PINCOLF B 4 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.14)											
AUG , 1979											
15...	1355	--	--	360	360	130	9.6	79	32	1.8	80
30...	1145	--	--	420	420	150	11	75	28	1.6	76
SEP											
06...	1235	--	--	440	--	160	11	80	28	1.7	81
23...	1430	--	--	--	--	--	--	--	--	--	--
275227082401913 - PINCOLF M 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 19.13)											
APR , 1979											
11...	0905	--	20	370	94	130	10	30	15	.7	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS 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)
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PINELLAS COUNTY

275226082402003 - PINCOLF 0 3 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.03)

JUN , 1979											
07...	.6	--	--	--	150	--	--	--	--	--	--
JUL											
17...	.6	--	--	--	150	--	--	--	--	--	--
AUG											
15...	.6	--	--	--	150	--	--	--	--	--	--
SEP											
06...	.5	--	--	--	150	--	--	--	--	--	--
27...	.6	--	--	--	--	--	--	--	--	--	--

275226082402004 - PINCOLF 0 4 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.04)

AUG , 1979											
15...	.8	--	--	--	200	--	--	--	--	--	--
SEP											
06...	.8	--	--	--	200	--	--	--	--	--	--
23...	--	--	--	21	200	--	--	--	--	--	--
27...	.9	--	--	--	--	--	--	--	--	--	--

275226082402111 - PINCOLF B 1 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.11)

AUG , 1979											
15...	4.2	--	--	--	170	--	--	--	--	--	--
30...	3.2	--	--	--	190	--	--	--	--	--	--
SEP											
06...	3.0	--	--	--	200	--	--	--	--	--	--
23...	--	--	--	11	200	--	--	--	--	--	--
27...	3.0	--	--	--	--	--	--	--	--	--	--

275226082402112 - PINCOLF B 2 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.12)

AUG , 1979											
15...	2.0	--	--	--	160	--	--	--	--	--	--
30...	1.0	--	--	--	170	--	--	--	--	--	--
SEP											
06...	.8	--	--	--	170	--	--	--	--	--	--
27...	--	--	--	13	430	--	--	--	--	--	--

275226082402113 - PINCOLF B 3 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.13)

AUG , 1979											
15...	1.1	--	--	--	110	--	--	--	--	--	--
30...	.6	--	--	--	170	--	--	--	--	--	--
SEP											
06...	.6	--	--	--	170	--	--	--	--	--	--
27...	--	--	--	13	170	--	--	--	--	--	--
27...	.5	--	--	--	--	--	--	--	--	--	--

275226082402114 - PINCOLF B 4 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.14)

AUG , 1979											
15...	1.1	--	--	--	160	--	--	--	--	--	--
30...	.7	--	--	--	170	--	--	--	--	--	--
SEP											
06...	.7	--	--	--	160	--	--	--	--	--	--
23...	--	--	--	5.5	160	--	--	--	--	--	--

275227082401913 - PINCOLF M 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 19.13)

APR , 1979											
11...	1.1	0	273	11	79	.4	9.9	572	436	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBAL UNITS) (00080)	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)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)	
PINELLAS COUNTY											
275227082401914 - PINCOLF M 4 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 19.14)											
APR , 1979											
11...	0845	--	5	200	0	71	5.0	86	48	2.7	--
275227082402001 - PINCOLF C 1 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.01)											
MAR , 1979											
28...	1400	--	5	390	31	130	15	110	38	2.4	--
AUG											
15...	--	--	--	320	320	110	12	100	40	2.4	100
30...	--	--	--	320	320	110	12	100	40	2.4	100
SEP											
06...	1355	--	--	310	--	110	9.6	100	41	2.5	100
23...	1310	--	--	--	--	--	--	--	--	--	--
27...	1310	--	--	370	--	130	12	100	37	2.3	100
275227082402002 - PINCOLF C 2 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.02)											
MAR , 1979											
28...	1340	--	5	410	110	140	15	100	35	2.1	--
AUG											
15...	1140	--	--	210	210	74	7.0	99	50	2.9	100
30...	--	--	--	350	350	120	12	110	41	2.6	110
SEP											
06...	1410	--	--	200	--	69	6.1	94	51	2.9	95
23...	1320	--	--	--	--	--	--	--	--	--	--
27...	1320	--	--	430	--	150	14	130	40	2.7	130
275227082402003 - PINCOLF C 3 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.03)											
MAR , 1979											
28...	1315	--	5	530	110	180	18	140	37	2.7	--
JUN											
07...	1120	--	--	350	--	120	11	91	36	2.1	--
JUL											
17...	1000	--	--	290	290	100	10	120	47	3.1	120
AUG											
15...	1150	--	--	190	190	67	6.3	90	50	2.8	91
30...	--	--	--	180	180	63	6.2	90	52	2.9	91
SEP											
06...	1420	--	--	350	--	120	11	120	43	2.8	120
27...	1335	--	--	190	--	67	5.9	88	50	2.8	89
275227082402004 - PINCOLF C 4 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.04)											
MAR , 1979											
28...	1300	--	5	520	140	180	17	140	37	2.7	--
AUG											
15...	1205	--	--	350	350	120	11	120	43	2.8	120
30...	--	--	--	320	320	110	11	110	43	2.7	110
SEP											
06...	1450	--	--	380	--	130	13	100	36	2.2	100
23...	1345	--	--	--	--	--	--	--	--	--	--
27...	1345	--	--	270	--	93	8.3	96	44	2.6	97
275227082402023 - PINCOLF I 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.23)											
JUN , 1979											
07...	1150	--	--	200	--	63	10	260	74	8.0	--
JUL											
17...	1100	--	--	180	180	55	9.7	320	80	10	320

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

437

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS C03) (00445)	ALKA- LINITY (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS 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)
------	--	---	---	--	--	---	--	---	--	--	---

PINELLAS COUNTY

275227082401914 - PINCOLF M 4 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 19.14)

MAR , 1979

11...	.9	0	338	22	14	.4	12	443	415	--	--
-------	----	---	-----	----	----	----	----	-----	-----	----	----

275227082402001 - PINCOLF C 1 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.01)

MAR , 1979

28...	1.2	0	357	12	210	.5	5.4	795	699	--	--
AUG											
15...	1.5	--	--	--	43	--	--	--	--	--	--
30...	2.3	--	--	--	--	--	--	--	--	--	--
SEP											
06...	.8	--	--	--	210	--	--	--	--	--	--
23...	--	--	--	.2	180	--	--	--	--	--	--
27...	3.0	--	--	--	--	--	--	--	--	--	--

275227082402002 - PINCOLF C 2 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.02)

MAR , 1979

28...	.9	0	299	26	220	.4	8.5	808	691	--	--
AUG											
15...	.6	--	--	--	160	--	--	--	--	--	--
30...	.7	--	--	--	--	--	--	--	--	--	--
SEP											
06...	.6	--	--	--	160	--	--	--	--	--	--
23...	--	--	--	.2	170	--	--	--	--	--	--
27...	.9	--	--	--	--	--	--	--	--	--	--

275227082402003 - PINCOLF C 3 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.03)

MAR , 1979

28...	.7	0	413	18	260	.4	9.6	997	876	--	--
JUN											
07...	.7	--	--	--	220	--	--	--	--	--	--
JUL											
17...	.7	--	--	--	210	--	--	--	--	--	--
AUG											
15...	.5	--	--	--	140	--	--	--	--	--	--
30...	.5	--	--	--	--	--	--	--	--	--	--
SEP											
06...	.8	--	--	--	140	--	--	--	--	--	--
27...	.5	--	--	3.4	130	--	--	--	--	--	--

275227082402004 - PINCOLF C 4 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.04)

MAR , 1979

28...	1.0	0	378	18	260	.4	11	1000	855	--	--
AUG											
15...	.9	--	--	--	220	--	--	--	--	--	--
30...	.8	--	--	--	--	--	--	--	--	--	--
SEP											
06...	1.9	--	--	--	190	--	--	--	--	--	--
23...	--	--	--	28	190	--	--	--	--	--	--
27...	.8	--	--	--	--	--	--	--	--	--	--

275227082402023 - PINCOLF I 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.23)

JUN , 1979

07...	.3	--	--	--	150	--	--	--	--	--	--
JUL											
17...	.3	--	--	--	130	--	--	--	--	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEVATION (FT. NGVD) (72020)	COLOR (PLAT-INUM- CORAL UNITS) (00080)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L AS 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)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
PINELLAS COUNTY											
275227082402221 - PINCOLF H 1 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.21)											
AUG , 1979											
15...	1410	--	--	380	380	130	13	59	24	1.3	78
30...	1330	--	--	330	330	120	7.4	11	7	.3	17
SEP											
06...	1250	--	--	260	--	94	5.8	8.1	6	.2	13
23...	1215	--	--	--	--	--	--	--	--	--	--
27...	1215	--	--	280	--	100	6.8	8.9	6	.2	12
275227082402222 - PINCOLF H 2 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.22)											
AUG , 1979											
15...	1415	--	--	340	340	120	9.4	35	18	.8	44
30...	1350	--	--	300	300	110	6.8	21	13	.5	30
SEP											
06...	1300	--	--	320	--	120	6.1	19	11	.5	28
23...	1220	--	--	--	--	--	--	--	--	--	--
27...	1220	--	--	320	--	120	5.8	12	7	.3	22
275227082402223 - PINCOLF H 3 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.23)											
AUG , 1979											
15...	1420	--	--	370	370	130	10	38	18	.9	50
30...	1400	--	--	320	320	120	5.9	21	12	.5	25
SEP											
06...	1310	--	--	320	--	120	6.0	21	12	.5	26
23...	1225	--	--	--	--	--	--	--	--	--	--
27...	1225	--	--	300	--	110	5.8	17	11	.4	22
275227082402224 - PINCOLF H 4 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.24)											
AUG , 1979											
15...	1425	--	--	260	260	92	8.0	44	27	1.2	45
30...	1410	--	--	260	260	89	9.2	33	22	.9	33
SEP											
06...	1320	--	--	280	--	97	9.4	32	20	.8	32
23...	1235	--	--	--	--	--	--	--	--	--	--
27...	1235	--	--	250	--	88	8.2	32	22	.9	32
275244082410401 - PINELLAS CO. LF 3 (LAT 27 52 44 LONG 082 41 04.01)											
DEC , 1978											
19...	0200	--	--	910	--	270	58	410	44	5.9	--
275244082411401 - PINELLAS CO. LF 4 (LAT 27 52 44 LONG 082 41 14.01)											
DEC , 1978											
19...	1340	--	--	920	--	320	30	140	25	2.0	--
275244082412301 - PINELLAS CO. LF 7 (LAT 27 52 44 LONG 082 41 23.01)											
DEC , 1978											
19...	0130	--	--	370	--	130	11	85	33	1.9	--
275245082405401 - PINELLAS CO. LF 2 (LAT 27 52 45 LONG 082 40 54.01)											
DEC , 1978											
19...	0115	--	--	320	--	85	25	200	54	4.9	--



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

439

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	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)
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PINELLAS COUNTY

275227082402221 - PINCOLF H 1 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.21)

AUG , 1979											
15...	19	--	--	--	50	--	--	--	--	--	--
30...	5.5	--	--	--	10	--	--	--	--	--	--
SEP											
06...	4.7	--	--	--	9.8	--	--	--	--	--	--
23...	--	--	--	1.2	11	--	--	--	--	--	--
27...	3.2	--	--	--	--	--	--	--	--	--	--

275227082402222 - PINCOLF H 2 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.22)

AUG , 1979											
15...	8.5	--	--	--	27	--	--	--	--	--	--
30...	9.4	--	--	--	16	--	--	--	--	--	--
SEP											
06...	9.4	--	--	--	13	--	--	--	--	--	--
23...	--	--	--	12	11	--	--	--	--	--	--
27...	9.6	--	--	--	--	--	--	--	--	--	--

275227082402223 - PINCOLF H 3 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.23)

AUG , 1979											
15...	12	--	--	--	30	--	--	--	--	--	--
30...	4.1	--	--	--	18	--	--	--	--	--	--
SEP											
06...	5.0	--	--	--	15	--	--	--	--	--	--
23...	--	--	--	16	12	--	--	--	--	--	--
27...	5.0	--	--	--	--	--	--	--	--	--	--

275227082402224 - PINCOLF H 4 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.24)

AUG , 1979											
15...	.9	--	--	--	--	--	--	--	--	--	--
30...	.2	--	--	--	25	--	--	--	--	--	--
SEP											
06...	.2	--	--	--	22	--	--	--	--	--	--
23...	--	--	--	31	25	--	--	--	--	--	--
27...	.3	--	--	--	--	--	--	--	--	--	--

275244082410401 - PINELLAS CO. LF 3 (LAT 27 52 44 LONG 082 41 04.01)

DEC , 1978											
19...	190	--	--	--	670	--	--	--	--	--	--

275244082411401 - PINELLAS CO. LF 4 (LAT 27 52 44 LONG 082 41 14.01)

DEC , 1978											
19...	6.0	--	--	--	190	--	--	--	--	--	--

275244082412301 - PINELLAS CO. LF 7 (LAT 27 52 44 LONG 082 41 23.01)

DEC , 1978											
19...	1.2	--	--	--	130	--	--	--	--	--	--

275245082405401 - PINELLAS CO. LF 2 (LAT 27 52 45 LONG 082 40 54.01)

DEC , 1978											
19...	48	--	--	--	270	--	--	--	--	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEVATION (FT. NGVD) (72020)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L AS 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)	SODIUM AD-SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
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PINELLAS COUNTY

280630082415401 - GOLF COURSE DEEP WELL M-5 NEAR TARPON SPNGS., FL. (LAT 28 06 30 LONG 082 41 54.01)

JAN , 1979

10...	1005	11.28	--	--	--	--	--	--	--	--
10...	1025	--	--	--	--	--	--	--	--	--
10...	1050	--	--	--	--	--	--	--	--	--
10...	1130	--	--	--	--	--	--	--	--	--

280846082414301 - PINELLAS D. WELL 028 SOUTH NR TARPON SGS. (LAT 28 08 46 LONG 082 41 43.01)

JAN , 1979

09...	1515	14.66	--	--	--	--	--	--	--	--
09...	1540	--	--	--	--	--	--	--	--	--
09...	1615	--	--	--	--	--	--	--	--	--

280904082400302 - EW MONITOR 3A DP WELL NR TARPON SPRINGS, FL (LAT 28 09 04 LONG 082 40 03.02)

JAN , 1979

09...	1225	14.76	--	--	--	--	--	--	--	--
09...	1250	--	--	--	--	--	--	--	--	--
09...	1320	--	--	--	--	--	--	--	--	--

280944082390801 - EW MONITOR N1 DP WELL NR TARPON SPRINGS, FL (LAT 28 09 44 LONG 082 39 08.01)

DEC , 1978

19...	1045	10.44	--	--	--	--	--	--	--	--
19...	1130	--	--	--	--	--	--	--	--	--
19...	1230	--	--	--	--	--	--	--	--	--

POLK COUNTY

275408081595702 - KAISER ANNULUS MONITOR A DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.02)

OCT , 1978

06...	1030	--	--	2900	2800	830	200	3800	74	31	--
JAN , 1979											
22...	1015	--	--	--	--	--	--	--	--	--	--
MAY											
04...	1115	--	--	--	--	--	--	--	--	--	--
SEP											
28...	1400	--	--	2100	1900	510	190	1300	57	12	1300

275408081595703 - KAISER ANNULUS MONITOR B DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.03)

OCT , 1978

06...	1100	--	--	2900	2800	830	200	23	2	.2	--
JAN , 1979											
22...	1000	--	--	--	--	--	--	--	--	--	--
MAY											
03...	1045	--	--	--	--	--	--	--	--	--	--
SEP											
28...	1415	--	--	1700	1600	410	170	23	3	.2	26

275430082000401 - KAISER SATELLITE MON NO. 1 NR MULBERRY (LAT 27 54 30 LONG 082 00 04.01)

OCT , 1978

06...	1245	--	--	22000	21000	5000	2300	40000	79	117	--
JAN , 1979											
22...	1030	--	--	--	--	--	--	--	--	--	--
MAY											
04...	1230	--	--	--	--	--	--	--	--	--	--
SEP											
28...	1130	--	--	17000	16000	3400	2100	41000	84	136	41000

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

441

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	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)
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PINELLAS COUNTY

280630082415401 - GOLF COURSE DEEP WELL M-5 NEAR TARPON SPNGS.,FL. (LAT 28 06 30 LONG 082 41 54.01)

JAN , 1979

10...	--	--	--	110	560	--	--	1380	--	--	--
10...	--	--	--	83	370	--	--	1120	--	--	--
10...	--	--	--	110	470	--	--	1270	--	--	--
10...	--	--	--	200	1000	--	--	2390	--	--	--

280846082414301 - PINELLAS D. WELL 028 SOUTH NR TARPON SGS. (LAT 28 08 46 LONG 082 41 43.01)

JAN , 1979

09...	--	--	--	78	63	--	--	504	--	--	--
09...	--	--	--	130	400	--	--	946	--	--	--
09...	--	--	--	1400	7500	--	--	16000	--	--	--

280904082400302 - EW MONITOR 3A DP WELL NR TARPON SPRINGS,FL (LAT 28 09 04 LONG 082 40 03.02)

JAN , 1979

09...	--	--	--	620	220	--	--	1500	--	--	--
09...	--	--	--	660	240	--	--	1600	--	--	--
09...	--	--	--	660	240	--	--	1620	--	--	--

280944082390801 - EW MONITOR N1 DP WELL NR TARPON SPRINGS,FL (LAT 28 09 44 LONG 082 39 08.01)

DEC , 1978

19...	--	--	--	440	54	--	--	982	--	--	--
19...	--	--	--	900	110	--	--	1680	--	--	--
19...	--	--	--	3900	14000	--	--	31400	--	--	--

POLK COUNTY

275408081595702 - KAISER ANNULUS MONITOR A DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.02)

OCT , 1978

06...	50	0	110	2400	1800	2.6	17	7000	9170	9.52	470
JAN , 1979											
22...	--	--	--	2600	1700	2.9	--	--	--	--	--
MAY											
04...	--	--	--	3000	2100	2.7	--	--	--	--	--
SEP											
28...	42	--	133	2400	1900	2.5	16	6950	6470	9.45	200

275408081595703 - KAISER ANNULUS MONITOR B DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.03)

OCT , 1978

06...	48	0	110	1700	40	2.0	20	2970	2930	4.04	130
JAN , 1979											
22...	--	--	--	1900	45	2.3	--	--	--	--	--
MAY											
03...	--	--	--	1500	33	2.0	--	--	--	--	--
SEP											
28...	3.1	--	140	1800	40	2.0	20	2930	2570	3.98	270

275430082000401 - KAISER SATELLITE MON NO. 1 NR MULBERRY (LAT 27 54 30 LONG 082 00 04.01)

OCT , 1978

06...	1300	0	800	2900	75000	3.8	23	217000	127000	295	59000
JAN , 1979											
22...	--	--	--	2800	75000	3.7	--	--	--	--	--
MAY											
04...	--	--	--	2700	78000	4.1	--	--	--	--	--
SEP											
28...	4.3	--	968	2300	66000	5.0	28	129000	116000	175	37000

GROUND WATER QUALITY RECORDS  
OCTOBER 1976 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- CORALT UNITS) (00080)	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)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
POLK COUNTY											
275625081543801 - LAKELAND HIGHLAND GR#4 DP WELL NR HIGHLANDS CITY (LAT 27 56 25 LONG 081 54 38.01)											
APR , 1979	26...	1215	--	--	--	--	--	--	--	--	--
275706081552702 - LAKELAND RIDGE GROVE #5 DP WELL NR HIGHLAND CITY (LAT 27 57 06 LONG 081 55 27.02)											
APR , 1979	26...	1445	--	--	--	--	--	--	--	--	--
275734081564501 - LAKELAND RIDGE GROVE 21 DP WELL NR LAKELAND (LAT 27 57 34 LONG 081 56 45.01)											
APR , 1979	26...	1100	--	--	--	--	--	--	--	--	--
SARASOTA COUNTY											
265834082202402 - ENGLEWOOD W.D. WELL 14A NEAR ENGLEWOOD, FL (LAT 26 58 34 LONG 082 20 24.02)											
FEB , 1979	08...	1430	--	--	70	18	24	2.5	--	--	--
270139082240801 - JAPANESE GARDENS DEEP WELL (LAT 27 01 39 LONG 082 24 08.01)											
MAR , 1979	14...	1455	--	5	160	18	32	18	34	31	1.2
270319082160601 - DIEGEL JACKMAN (LAT 27 03 19 LONG 082 16 06.01)											
OCT , 1978	13...	1600	--	10	610	390	150	55	180	39	3.2
270332082143801 - JOCKEY CLUB ENTRANCE (LAT 27 03 32 LONG 082 14 38.01)											
OCT , 1978	13...	1300	--	--	920	740	200	100	--	--	--
	18...	1500	--	5	770	610	160	85	370	51	5.9
270343082141901 - JOCKEY CLUB REC CENTER (LAT 27 03 43 LONG 082 14 19.01)											
OCT , 1978	13...	0915	--	60	750	390	170	74	210	38	3.4
270543082261706 - VENICE USGS TEST WELL 40 (LAT 27 05 43 LONG 082 26 17.06)											
FEB , 1979	08...	1140	--	--	660	380	220	26	--	--	--
270543082261902 - USGS 36 VENICE (LAT 27 05 43 LONG 082 26 19.02)											
FEB , 1979	02...	1300	--	--	550	310	190	17	--	--	--
270710082092101 - GEN. DEVELOPMENT WELL NR N PORT CHARLOTTE (LAT 27 07 10 LONG 082 09 21.01)											
JAN , 1979	25...	1200	--	--	580	530	83	85	--	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	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)
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POLK COUNTY

275625081543801 - LAKELAND HIGHLAND GR#4 DP WELL NR HIGHLANDS CITY (LAT 27 56 25 LONG 081 54 38.01)

APR , 1979 26...	--	--	--	11	11	--	--	--	--	--	--
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275706081552702 - LAKELAND RIDGE GROVE #5 DP WELL NR HIGHLAND CITY (LAT 27 57 06 LONG 081 55 27.02)

APR , 1979 26...	--	--	--	12	9.2	--	--	--	--	--	--
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275734081564501 - LAKELAND RIDGE GROVE 21 DP WELL NR LAKELAND (LAT 27 57 34 LONG 081 56 45.01)

APR , 1979 26...	--	--	--	3.4	14	--	--	--	--	--	--
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SARASOTA COUNTY

265834082202402 - ENGLEWOOD W.D. WELL 14A NEAR ENGLEWOOD, FL (LAT 26 58 34 LONG 082 20 24.02)

FEB , 1979 08...	--	--	53	28	5.6	.4	--	--	--	--	--
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270139082240801 - JAPANESE GARDENS DEEP WELL (LAT 27 01 39 LONG 082 24 08.01)

MAR , 1979 14...	6.1	0	140	22	48	3.3	41	290	291	.39	--
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270319082160601 - DIEGEL JACKMAN (LAT 27 03 19 LONG 082 16 06.01)

OCT , 1978 13...	4.0	0	210	150	410	.4	18	1150	1100	1.56	--
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270332082143801 - JOCKEY CLUB ENTRANCE (LAT 27 03 32 LONG 082 14 38.01)

OCT , 1978 13...	--	--	180	280	970	.6	--	--	--	--	--
18...	9.4	0	160	290	700	.8	17	1850	1740	2.52	--

270343082141901 - JOCKEY CLUB REC CENTER (LAT 27 03 43 LONG 082 14 19.01)

OCT , 1978 13...	8.4	0	350	210	420	.6	21	1420	1340	1.93	--
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270543082261706 - VENICE USGS TEST WELL 40 (LAT 27 05 43 LONG 082 26 17.06)

FEB , 1979 08...	--	--	280	370	93	.1	--	1010	--	1.37	--
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270543082261902 - USGS 36 VENICE (LAT 27 05 43 LONG 082 26 19.02)

FEB , 1979 02...	--	--	240	290	150	.2	--	--	--	--	--
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270710082092101 - GEN. DEVELOPMENT WELL NR N PORT CHARLOTTE (LAT 27 07 10 LONG 082 09 21.01)

JAN , 1979 25...	--	--	52	400	510	1.5	--	--	--	--	--
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GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
SARASOTA COUNTY											
270802082075501 - WALTON RANCH (LAT 27 08 02 LONG 082 07 55.01)											
JAN , 1979											
25...	1300	--	--	550	390	87	78	--	--	--	--
270944082264901 - MISSION VALLEY COUNTRY CLUB (LAT 27 09 44 LONG 082 26 49.01)											
MAY , 1979											
25...	1045	--	--	--	--	--	--	--	--	--	--
271131082282301 - TROUTMAN LONGBOW D. WELL (LAT 27 11 31 LONG 082 28 23.01)											
JAN , 1979											
11...	1000	--	--	1400	1300	330	140	--	--	--	--
271134082092202 - BIG SLOUGH SHALLOW WELL NEAR ARCADIA,FL. (LAT 27 11 34 LONG 082 09 22.02)											
FEB , 1979											
02...	1130	--	--	270	0	73	22	--	--	--	--
271137082074801 - SWFWMD R-18-1 (LAT 27 11 37 LONG 082 07 48.01)											
MAY , 1979											
08...	0835	--	--	320	80	62	39	--	--	--	--
JUL											
17...	0930	--	5	330	170	66	35	29	27	.7	32
271332082293801 - HAWKINS LIVINGSTONE (LAT 27 13 32 LONG 082 29 38.01)											
OCT , 1978											
10...	0840	--	25	340	120	88	29	60	28	1.4	--
271550082320501 - GUEST MEADOWOOD (LAT 27 15 50 LONG 082 32 05.01)											
DEC , 1978											
11...	1300	--	5	1000	840	200	120	200	30	2.8	--
271551082233701 - GATOR CREEK GOLF CLUB -- SOUTH/DEEP WELL (LAT 27 15 51 LONG 082 23 37.01)											
MAY , 1979											
23...	1630	--	--	--	--	--	--	--	--	--	--
271601082330501 - ROMP TR 6-1 HAWTHORN WELL NEAR SARASOTA FL (LAT 27 16 01 LONG 082 33 05.01)											
JUN , 1979											
06...	1600	--	--	1100	940	200	130	--	--	--	--
271608082280201 - CADDY GROVE WELL 21 NR SARASOTA,FLA (LAT 27 16 08 LONG 082 28 02.01)											
FEB , 1979											
02...	0900	--	--	550	330	130	53	--	--	--	--



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS 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)
SARASOTA COUNTY											
270802082075501 - WALTON RANCH (LAT 27 08 02 LONG 082 07 55.01)											
JAN , 1979 25...	--	--	160	340	190	1.6	--	--	--	--	--
270944082264901 - MISSION VALLEY COUNTRY CLUB (LAT 27 09 44 LONG 082 26 49.01)											
MAY , 1979 25...	--	--	--	1600	140	--	--	--	--	--	--
271131082282301 - TROUTMAN LONGROW D. WELL (LAT 27 11 31 LONG 082 28 23.01)											
JAN , 1979 11...	--	--	160	1200	90	1.1	--	--	--	--	--
271134082092202 - BIG SLOUGH SHALLOW WELL NEAR ARCADIA,FL. (LAT 27 11 34 LONG 082 09 22.02)											
FEB , 1979 02...	--	--	280	81	69	2.2	--	560	--	.76	--
271137082074801 - SWFWMD R-18-1 (LAT 27 11 37 LONG 082 07 48.01)											
MAY , 1979 08...	--	0	239	82	58	1.9	--	--	--	--	--
JUL 17...	3.1	--	160	150	51	1.9	28	509	476	.69	--
271332082293801 - HAWKINS LIVINGSTONE (LAT 27 13 32 LONG 082 29 38.01)											
OCT , 1978 10...	4.0	0	220	95	97	.9	39	572	547	.78	--
271550082320501 - GUEST MEADOWWOOD (LAT 27 15 50 LONG 082 32 05.01)											
DEC , 1978 11...	12	0	160	690	400	.5	37	1830	1770	2.49	--
271551082233701 - GATOR CREEK GOLF CLUB -- SOUTH/DEEP WELL (LAT 27 15 51 LONG 082 23 37.01)											
MAY , 1979 23...	--	--	--	1800	140	--	--	--	--	--	--
271601082330501 - ROMP TR 6-1 HAWTHORN WELL NEAR SARASOTA FL (LAT 27 16 01 LONG 082 33 05.01)											
JUN , 1979 06...	--	0	121	800	460	2.0	--	--	--	--	--
271608082280201 - CADDY GROVE WELL 21 NR SARASOTA,FLA (LAT 27 16 08 LONG 082 28 02.01)											
FEB , 1979 02...	--	--	210	340	49	.6	--	859	--	1.17	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)	
SARASOTA COUNTY												
271616082271601 - WINDWARD ISLES MHP (LAT 27 16 16 LONG 082 27 16.01)												
NOV , 1978	21...	1300	--	10	340	120	72	38	30	16	.7	--
271747082320401 - THOMPSON HANSON (LAT 27 17 47 LONG 082 32 04.01)												
NOV , 1978	09...	1130	--	50	410	220	95	41	43	19	.9	--
271757082241301 - BEE RIDGE WELL 15 NR SARASOTA,FLA (LAT 27 17 57 LONG 082 24 13.01)												
FEB , 1979	01...	1515	--	--	450	230	120	37	--	--	--	--
271914082342601 - 36S17E26 719234431 323 (LAT 27 19 14 LONG 082 34 26.01)												
MAY , 1979	23...	1440	--	--	--	--	--	--	--	--	--	--
271959082270901 - TROUTMAN EMR DEEP (LAT 27 19 59 LONG 082 27 09.01)												
JAN , 1979	11...	1500	--	0	360	190	72	43	37	18	.9	--
272043082251701 - THOMPSON CASTLE (LAT 27 20 43 LONG 082 25 17.01)												
OCT , 1978	04...	1430	--	15	220	54	77	6.1	42	29	1.2	--
272049082324401 - CITY OF SARA 11THST AND OREGON (LAT 27 20 49 LONG 082 32 44.01)												
APR , 1979	06...	1200	--	--	1200	1000	240	130	--	--	--	--
272102082324001 - 15TH ST AND COCONUT (LAT 27 21 02 LONG 082 32 40.01)												
JAN , 1979	22...	1145	--	0	2100	1900	460	220	1200	56	12	--
272122082330801 - CITY OF SARASOTA -- 22ND ST. & THE BAY (LAT 27 21 22 LONG 082 33 08.01)												
MAY , 1979	23...	1445	--	--	--	--	--	--	--	--	--	--
272222082283201 - HORACE SUTCLIFFE (LAT 27 22 22 LONG 082 28 32.01)												
DEC , 1978	06...	1700	--	10	190	16	39	22	25	22	.8	--
272255082172202 - KME RECHARGE WELL NEAR VERNA,FLA (LAT 27 22 55 LONG 082 17 22.02)												
JUN , 1979	06...	1145	--	--	1000	870	250	93	--	--	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

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DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C 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)
SARASOTA COUNTY											
271616082271601 - WINDWARD ISLES MHP (LAT 27 16 16 LONG 082 27 16.01)											
NOV , 1978 21...	3.9	0	220	86	49	2.0	49	470	466	.64	--
271747082320401 - THOMPSON HANSON (LAT 27 17 47 LONG 082 32 04.01)											
NOV , 1978 09...	2.9	0	190	120	96	.7	34	598	547	.81	--
271757082241301 - BEE RIDGE WFL 15 NR SARASOTA,FLA (LAT 27 17 57 LONG 082 24 13.01)											
FEB , 1979 01...	--	--	220	210	72	.8	--	738	--	1.00	--
271914082342601 - 36S17E26 719234431 323 (LAT 27 19 14 LONG 082 34 26.01)											
MAY , 1979 23...	--	--	--	470	120	--	--	--	--	--	--
271959082270901 - TROUTMAN EMR DEEP (LAT 27 19 59 LONG 082 27 09.01)											
JAN , 1979 11...	4.8	0	170	140	66	2.3	48	538	521	.73	--
272043082251701 - THOMPSON CASTLE (LAT 27 20 43 LONG 082 25 17.01)											
OCT , 1978 04...	1.9	0	160	18	83	.7	25	375	353	.51	--
272049082324401 - CITY OF SARA 11THST AND OREGON (LAT 27 20 49 LONG 082 32 44.01)											
APR , 1979 06...	--	--	130	870	280	2.1	--	--	--	--	--
272102082324001 - 15TH ST AND COCONUT (LAT 27 21 02 LONG 082 32 40.01)											
JAN , 1979 22...	29	0	130	1200	2400	1.1	22	6110	5610	8.31	--
272122082330801 - CITY OF SARASOTA -- 22ND ST. & THE BAY (LAT 27 21 22 LONG 082 33 08.01)											
MAY , 1979 23...	--	--	--	770	190	--	--	--	--	--	--
272222082283201 - HORACE SUTCLIFFE (LAT 27 22 22 LONG 082 28 32.01)											
DEC , 1978 06...	4.8	0	170	11	33	1.5	25	256	265	.35	--
272255082172202 - KME RECHARGE WELL NEAR VERNA,FLA (LAT 27 22 55 LONG 082 17 22.02)											
JUN , 1979 06...	--	0	138	890	22	1.2	--	--	--	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
MAJOR CONSTITUENTS

DATE	TIME	ELEV- ATION (FT. NGVD) (72020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	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)	SODIUM AD- SORP- TION RATIO (00932) (00931)	SODIUM+ POTAS- SIUM DIS- SOLVED (MG/L AS NA) (00933)
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SUMTER COUNTY

284208082054601 - 84220502 20522E34 JC 19 C H BEVILLE (LAT 28 42 08 LONG 082 05 46.01)

JAN , 1979										
29...	1430	--	5	440	300	130	25	5.3	3	.1 --

285207082014501 - 85220101 19S23E05 JC 57 CITY OF WILDWOOD (LAT 28 52 07 LONG 082 01 45.01)

JAN , 1979										
31...	1520	--	5	150	15	58	2.2	6.2	8	.2 --

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE (MG/L AS CO3) (00445)	ALKA- LINITY (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	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)
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284208082054601 - 84220502 20522E34 JC 19 C H BEVILLE (LAT 28 42 08 LONG 082 05 46.01)

JAN , 1979										
29...	1.2	0	140	290	8.8	1.3	14	576	567	.78 130

285207082014501 - 85220101 19S23E05 JC 57 CITY OF WILDWOOD (LAT 28 52 07 LONG 082 01 45.01)

JAN , 1979										
31...	.5	0	140	5.8	12	.1	10	190	179	.26 10

## GROUND WATER QUALITY RECORDS

## Nutrients

Data in this section include the following parameters:

Nitrogen, nitrate total	Nitrogen, nitrate dissolved (as N)
Nitrogen, nitrate dissolved (as NO <sub>3</sub> )	Nitrogen, nitrite total
Nitrogen, nitrite dissolved (as N)	Nitrogen, nitrate dissolved (as NO <sub>2</sub> )
Nitrogen, NO <sub>2</sub> , NO <sub>3</sub> total	Nitrogen, NO <sub>2</sub> , NO <sub>3</sub> dissolved
Nitrogen, ammonia total	Nitrogen, ammonia dissolved (as N)
Nitrogen, ammonia dissolved (as NH <sub>4</sub> )	Nitrogen, organic total
Nitrogen, Organic dissolved	Nitrogen, ammonia organic total
Nitrogen, ammonia organic dissolved	Nitrogen, total (as N)
Nitrogen, total (as NO <sub>3</sub> )	Phosphorus, total
Phosphorus, dissolved	Phosphorus, ortho total
Phosphorus, ortho dissolved	Phosphate, ortho 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 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	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)
CITRUS COUNTY											
290216082292001 - 90222901 16S18E33 CE 77 U S GEOL SURVEY (LAT 29 02 16 LONG 082 29 20.01)											
MAY , 1979 03...	.27	--	--	.01	--	--	.28	--	.00	--	--
DE SOTO COUNTY											
271230081404009 - DESOTO CORRECTIONAL INST TREATED NR ARCADIA, FLA (LAT 27 12 30 LONG 081 40 40.09)											
FEB , 1979 01...	.00	--	--	.01	--	--	.01	--	--	--	--
HILLSBOROUGH COUNTY											
275337082192601 - WARNERS NURSERY NR RIVERVIEW (LAT 27 53 37 LONG 082 19 26.01)											
AUG , 1979 08...	--	.01	.00	--	.00	.00	--	--	--	--	--
275338082134201 - WRIGHT DEEP WELL NR VALRICO (LAT 27 53 38 LONG 082 13 42.01)											
AUG , 1979 08...	--	.46	2.0	--	.00	.00	--	--	--	--	--
275346082172201 - ALDERMAN D. WELL NEAR BRANDON,FL (LAT 27 53 46 LONG 082 17 22.01)											
OCT , 1978 18...	--	.00	.00	--	.00	.00	--	.00	--	.18	.23
275351082172001 - EASTERLING D. WELL NEAR BRANDON,FL (LAT 27 53 51 LONG 082 17 20.01)											
OCT , 1978 18...	--	.00	.00	--	.00	.00	--	.00	--	.01	.01
275353082175601 - KINGSWOOD-HILLS CTY WELL (LAT 27 53 53 LONG 082 17 56.01)											
AUG , 1979 06...	--	.27	1.2	--	.01	.03	--	--	--	--	--
275426082154701 - BRANDON 12 HI POINT (LAT 27 54 26 LONG 082 15 47.01)											
AUG , 1979 06...	--	2.3	10	--	.01	.03	--	--	--	--	--
275446082212301 - ALBA WELL NR RIVERVIEW (LAT 27 54 46 LONG 082 21 23.01)											
AUG , 1979 08...	--	.01	.00	--	.00	.00	--	--	--	--	--
275536082171101 - BRANDON 10 MOORE (LAT 27 55 36 LONG 082 17 11.01)											
AUG , 1979 06...	--	2.0	8.9	--	.01	.03	--	--	--	--	--
275608082181301 - PARTRIDGE WELL NR BRANDON (LAT 27 56 08 LONG 082 18 13.01)											
AUG , 1979 06...	--	2.5	11	--	.01	.03	--	--	--	--	--



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CITRUS COUNTY

DE SOTO COUNTY

HILLSBOROUGH COUNTY

AUG , 1979  
06... -- -- -- -- -- -- -- -- -- -- --

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	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)
HILLSBOROUGH COUNTY											
275611082211701 - SEABOARD UTILITIES #8 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 17.01)											
AUG , 1979 08...	--	.01	.00	--	.00	.00	--	--	--	--	--
275629082234001 - PALM RIVER WELL 5 AT TAMPA, FLA (WQ-04) (LAT 27 56 29 LONG 082 23 40.01)											
MAY , 1979 14...	.00	--	--	.00	--	--	.00	--	--	--	--
275638082163101 - BRANDON RAINBOW 1 (LAT 27 56 38 LONG 082 16 31.01)											
AUG , 1979 06...	--	2.9	13	--	.01	.03	--	--	--	--	--
275701082230303 - USCE WELL TBC-13 AT TAMPA, FLA (LAT 27 57 01 LONG 082 23 03.03)											
MAY , 1979 14...	.00	--	--	.00	--	--	.00	--	--	--	--
275707082181701 - BRANDON 14 BATES (LAT 27 57 07 LONG 082 18 17.01)											
AUG , 1979 06...	--	.69	3.1	--	.01	.03	--	--	--	--	--
275724082161101 - BRANDON 6 CAMELOT (LAT 27 57 24 LONG 082 16 11.01)											
AUG , 1979 07...	--	2.7	12	--	.01	.03	--	2.7	--	.00	.00
275724082221001 - STRUCTURE 160 WELL NEAR TAMPA, FL. (LAT 27 57 24 LONG 082 22 10.01)											
MAY , 1979 14...	.00	--	--	.00	--	--	.00	--	--	--	--
275747082184001 - BRANDON 17 LAKEWOOD (LAT 27 57 47 LONG 082 18 40.01)											
AUG , 1979 06...	--	1.6	7.1	--	.02	.07	--	--	--	--	--
275801082131401 - CARR WELL NR DOVER (LAT 27 58 01 LONG 082 13 14.01)											
AUG , 1979 08...	--	.01	.00	--	.00	.00	--	--	--	--	--
275838082165501 - BRANDON 22 BANDY (LAT 27 58 38 LONG 082 16 55.01)											
AUG , 1979 06...	--	2.6	12	--	.05	.16	--	--	--	--	--
275856082210301 - USCE TEST WELL 25-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03.01)											
MAY , 1979 16...	.02	--	--	.01	--	--	.03	--	--	--	--

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MAY , 1979  
16... -- -- -- -- -- -- -- -- -- --

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN. NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN. NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN. NITRATE DIS- SOLVED (MG/L AS N) (71851)	NITRO- GEN. NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN. NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN. NITRITE DIS- SOLVED (MG/L AS N) (71856)	NITRO- GEN. NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN. NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	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)
HILLSBOROUGH COUNTY											
275858082215201 - USCE WELL TBC-14 NR TAMPA, FLA (LAT 27 58 58 LONG 082 21 52.01)											
MAY , 1979 16...	.00	--	--	.00	--	--	.00	--	--	--	--
275919082215201 - STATE FAIRGROUNDS DP WELL NR EAST TAMPA (LAT 27 59 19 LONG 082 21 52.01)											
AUG , 1979 08...	--	.01	.03	--	.00	.00	--	--	--	--	--
275942082153101 - VET'S WHSE NURSERY DP WELL NR SEFFNER (LAT 27 59 42 LONG 082 15 31.01)											
AUG , 1979 08...	--	.00	.00	--	.00	.00	--	--	--	--	--
275945082122801 - DOVER TURKEY CK FIRE DEPT DP WELL NR DOVER (LAT 27 59 45 LONG 082 12 28.01)											
AUG , 1979 08...	--	.00	.00	--	.00	.00	--	--	--	--	--
280005082181001 - BRANDON 21 ALSO 579 (LAT 28 00 05 LONG 082 18 10.01)											
AUG , 1979 04...	--	3.6	16	--	.01	.03	--	--	--	--	--
280012082204901 - USCE WELL TBC-05 NR TEMPLE TERRACE, FLA (LAT 28 00 12 LONG 082 20 49.01)											
MAY , 1979 16...	.01	--	--	.00	--	--	.01	--	--	--	--
280028082173901 - NE 4 (LAT 28 00 28 LONG 082 17 39.01)											
FEB , 1979 02...	2.0	--	--	.60	--	--	2.6	--	.02	--	--
JUN 15...	6.4	--	--	.08	--	--	6.4	--	.02	--	--
280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE, FLA (LAT 28 00 30 LONG 082 19 08.01)											
MAY , 1979 16...	.87	--	--	.00	--	--	.87	--	--	--	--
280034082172801 - NE 21 (LAT 28 00 34 LONG 082 17 28.01)											
FEB , 1979 02...	3.8	--	--	.01	--	--	3.8	--	.02	--	--
MAY 31...	3.0	--	--	.07	--	--	3.0	--	.02	--	--
280034082172802 - NORTHEAST 21A (LAT 28 00 34 LONG 082 17 28.02)											
FEB , 1979 02...	3.5	--	--	.00	--	--	3.5	--	.01	--	--
MAY 31...	3.0	--	--	.05	--	--	3.0	--	.01	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

455

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)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (70507)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)
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HILLSBOROUGH COUNTY

275858082215201 - USCE WELL TBC-14 NR TAMPA, FLA (LAT 27 58 58 LONG 082 21 52.01)

MAY , 1979											
16...	--	--	--	--	--	--	--	--	--	--	--

275919082215201 - STATE FAIRGROUNDS DP WELL NR EAST TAMPA (LAT 27 59 19 LONG 082 21 52.01)

AUG , 1979											
08...	--	--	--	--	--	--	--	--	--	--	--

275942082153101 - VET'S WHSE NURSERY DP WELL NR SEFFNER (LAT 27 59 42 LONG 082 15 31.01)

AUG , 1979											
08...	--	--	--	--	--	--	--	--	--	--	--

275945082122801 - DOVER TURKEY CK FIRE DEPT DP WELL NR DOVER (LAT 27 59 45 LONG 082 12 28.01)

AUG , 1979											
08...	--	--	--	--	--	--	--	--	--	--	--

280005082181001 - BRANDON 21 ALSO 579 (LAT 28 00 05 LONG 082 18 10.01)

AUG , 1979											
04...	--	--	--	--	--	--	--	--	--	--	--

280012082204901 - USCE WELL TBC-05 NR TEMPLE TERRACE, FLA (LAT 28 00 12 LONG 082 20 49.01)

MAY , 1979											
16...	--	--	--	--	--	--	--	--	--	--	--

280028082173901 - NE 4 (LAT 28 00 28 LONG 082 17 39.01)

FEB , 1979											
02...	.03	--	.05	--	2.6	12	.03	--	.00	--	--
JUN											
15...	.13	--	.15	--	6.6	29	.46	--	.05	--	--

280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE,FL. (LAT 28 00 30 LONG 082 19 08.01)

MAY , 1979											
16...	--	--	--	--	--	--	--	--	--	--	--

280034082172801 - NE 21 (LAT 28 00 34 LONG 082 17 28.01)

FEB , 1979											
02...	.02	--	.04	--	3.8	17	.05	--	.05	--	--
MAY											
31...	.02	--	.04	--	3.1	14	.06	--	.05	--	--

280034082172802 - NORTHEAST 21A (LAT 28 00 34 LONG 082 17 28.02)

FEB , 1979											
02...	.06	--	.07	--	3.5	16	.03	--	.02	--	--
MAY											
31...	.13	--	.14	--	3.1	14	.06	--	.04	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	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)
HILLSBOROUGH COUNTY											
280034082173001 - NORTHEAST LF 23 (LAT 28 00 34 LONG 082 17 30.01)											
FEB , 1979											
02...	2.7	--	--	.01	--	--	2.7	--	.00	--	--
MAY											
31...	2.6	--	--	.04	--	--	2.6	--	.02	--	--
280038082204201 - EVRGLDS AQTC NRSRY WELL ES-55(#608)NR TT (WQ-10) (LAT 28 00 38 LONG 082 20 42.01)											
MAY , 1979											
16...	.02	--	--	.01	--	--	.03	--	--	--	--
280043082173001 - NE 20 (LAT 28 00 43 LONG 082 17 30.01)											
FEB , 1979											
02...	6.2	--	--	.00	--	--	6.2	--	.01	--	--
MAY											
31...	5.6	--	--	.01	--	--	5.6	--	.01	--	--
280053082140101 - DOVER AG CENTER DP WELL NR DOVER (LAT 28 00 53 LONG 082 14 01.01)											
AUG , 1979											
08...	--	.60	2.7	--	.00	.00	--	--	--	--	--
280054082150301 - GREEN ACRES BACK WELL NR DOVER (LAT 28 00 54 LONG 082 15 03.01)											
AUG , 1979											
08...	--	.02	.10	--	.00	.00	--	--	--	--	--
280055082222701 - USCE WELL TBC-09 AT TEMPLE TERRACE, FLA (LAT 28 00 55 LONG 082 22 27.01)											
MAY , 1979											
16...	.00	--	--	.00	--	--	.00	--	--	--	--
280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)											
NOV , 1978											
09...	--	.01	.00	--	.00	.00	--	.01	--	.06	.08
280103082210901 - USCE WELL TBC-06 NR TEMPLE TERRACE, FLA (LAT 28 01 03 LONG 082 21 09.01)											
MAY , 1979											
16...	1.2	--	--	.25	--	--	1.4	--	--	--	--
280107082173001 - NORTHEAST 22 (LAT 28 01 07 LONG 082 17 30.01)											
FEB , 1979											
02...	1.8	--	--	.00	--	--	1.8	--	.01	--	--
MAY											
31...	3.2	--	--	.01	--	--	3.2	--	.01	--	--
280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)											
NOV , 1978											
08...	--	.01	.00	--	.00	.00	--	.01	--	.06	.08
JUN , 1979											
14...	.01	--	--	.00	--	--	.01	--	.06	--	--



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

457

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)	NITRO- GEN, TOTAL (MG/L AS N03) (71887)	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)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS P04) (00660)
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HILLSBOROUGH COUNTY

280034082173001 - NORTHEAST LF 23 (LAT 28 00 34 LONG 082 17 30.01)

FEB , 1979											
02...	.02	--	.02	--	2.7	12	.02	--	.02	--	--
MAY											
31...	.06	--	.08	--	2.7	12	.02	--	.02	--	--

280038082204201 - EVRGLDS AQTC NRSRY WELL ES-55(#608)NR TT (WQ-10) (LAT 28 00 38 LONG 082 20 42.01)

MAY , 1979											
16...	--	--	--	--	--	--	--	--	--	--	--

280043082173001 - NE 20 (LAT 28 00 43 LONG 082 17 30.01)

FEB , 1979											
02...	.01	--	.02	--	6.2	28	.02	--	.02	--	--
MAY											
31...	.40	--	.41	--	6.0	27	.03	--	.02	--	--

280053082140101 - DOVER AG CENTER DP WELL NR DOVER (LAT 28 00 53 LONG 082 14 01.01)

AUG , 1979											
08...	--	--	--	--	--	--	--	--	--	--	--

280054082150301 - GREEN ACRES BACK WELL NR DOVER (LAT 28 00 54 LONG 082 15 03.01)

AUG , 1979											
08...	--	--	--	--	--	--	--	--	--	--	--

280055082222701 - USCE WELL TBC-09 AT TEMPLE TERRACE, FLA (LAT 28 00 55 LONG 082 22 27.01)

MAY , 1979											
16...	--	--	--	--	--	--	--	--	--	--	--

280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)

NOV , 1978											
09...	--	.00	--	.06	--	--	--	.02	--	.02	.06

280103082210901 - USCE WELL TBC-06 NR TEMPLE TERRACE, FLA (LAT 28 01 03 LONG 082 21 09.01)

MAY , 1979											
16...	--	--	--	--	--	--	--	--	--	--	--

280107082173001 - NORTHEAST 22 (LAT 28 01 07 LONG 082 17 30.01)

FEB , 1979											
02...	.00	--	.01	--	1.8	8.0	.05	--	.05	--	--
MAY											
31...	.11	--	.12	--	3.3	15	.06	--	.05	--	--

280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)

NOV , 1978											
08...	--	.00	--	.06	--	--	--	.04	--	.04	.12
JUN , 1979											
14...	.00	--	.06	--	.07	.30	.07	--	.04	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	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)
HILLSBOROUGH COUNTY											
280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)											
NOV , 1978											
08...	--	1.5	6.6	--	.01	.03	--	1.5	--	.02	.03
JUN , 1979											
14...	1.4	--	--	.06	--	--	1.4	--	.00	--	--
280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)											
NOV , 1978											
09...	--	.12	.50	--	.01	.03	--	.13	--	.06	.08
JUN , 1979											
14...	.08	--	--	.00	--	--	.08	--	.00	--	--
280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)											
NOV , 1978											
09...	--	71	314	--	.55	1.8	--	71	--	6.8	8.8
280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)											
NOV , 1978											
08...	--	.10	.40	--	.00	.00	--	.10	--	.02	.03
JUN , 1979											
14...	.13	--	--	.01	--	--	.14	--	.01	--	--
280116082205301 - USCE TEST WELL 2W-ES NR TEMPLE TERRACE (WQ-05) (LAT 28 01 16 LONG 082 20 53.01)											
MAY , 1979											
16...	.00	--	--	.00	--	--	.00	--	--	--	--
280117082193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)											
NOV , 1978											
08...	--	1.7	7.5	--	.00	.00	--	1.7	--	.01	.01
280221082342901 - ROCKY CREEK LF 53 (LAT 28 02 21 LONG 082 34 29.01)											
NOV , 1978											
06...	--	.00	.00	--	.00	.00	--	.00	--	.42	.54
JUN , 1979											
14...	.00	--	--	.00	--	--	.00	--	.47	--	--
280221082342902 - ROCKY CREEK L F 53A (LAT 28 02 21 LONG 082 34 29.02)											
NOV , 1978											
06...	--	.00	.00	--	.00	.00	--	.00	--	.38	.49
JUN , 1979											
14...	.01	--	--	.00	--	--	.01	--	.33	--	--
280226082341201 - ROCKY CREEK LF 70 (LAT 28 02 26 LONG 082 34 12.01)											
NOV , 1978											
07...	--	.01	.00	--	.00	.00	--	.01	--	.58	.75

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

459

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)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (70507)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)
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HILLSBOROUGH COUNTY

280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)

NOV , 1978											
08...	--	.14	--	.16	--	--	--	.02	--	.02	.06
JUN , 1979											
14...	.00	--	.00	--	1.4	6.5	.03	--	.03	--	--

280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)

NOV , 1978											
09...	--	.02	--	.08	--	--	--	.04	--	.04	.12
JUN , 1979											
14...	.00	--	.00	--	.08	.40	.08	--	.06	--	--

280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)

NOV , 1978											
09...	--	.06	--	6.8	--	--	--	.01	--	.00	.00

280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)

NOV , 1978											
08...	--	.06	--	.08	--	--	--	.01	--	.01	.03
JUN , 1979											
14...	.00	--	.01	--	.15	.70	.02	--	.01	--	--

280116082205301 - USCE TEST WELL 2W-ES NR TEMPLE TERRACE (WQ-05) (LAT 28 01 16 LONG 082 20 53.01)

MAY , 1979											
16...	--	--	--	--	--	--	--	--	--	--	--

280117082193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)

NOV , 1978											
08...	--	.23	--	.24	--	--	--	.02	--	.02	.06

280221082342901 - ROCKY CREEK LF 53 (LAT 28 02 21 LONG 082 34 29.01)

NOV , 1978											
06...	--	.10	--	.52	--	--	--	.08	--	.08	.25
JUN , 1979											
14...	.17	--	.64	--	.64	2.8	.07	--	.07	--	--

280221082342902 - ROCKY CREEK L F 53A (LAT 28 02 21 LONG 082 34 29.02)

NOV , 1978											
06...	--	.10	--	.48	--	--	--	.08	--	.08	.25
JUN , 1979											
14...	.19	--	.52	--	.53	2.3	.07	--	.07	--	--

280226082341201 - ROCKY CREEK LF 70 (LAT 28 02 26 LONG 082 34 12.01)

NOV , 1978											
07...	--	.00	--	.58	--	--	--	.03	--	.00	.00

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	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)
HILLSBOROUGH COUNTY											
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)											
NOV , 1978											
07...	--	.01	.00	--	.02	.07	--	.03	--	.24	.31
JUN , 1979											
14...	.00	--	--	.01	--	--	.01	--	38	--	--
280228082335902 - ROCKY CREEK LF 74 (LAT 28 02 28 LONG 082 33 59.02)											
NOV , 1978											
07...	--	.00	.00	--	.01	.03	--	.01	--	.38	.49
280231082343601 - ROCKY CREEK LF 85 (LAT 28 02 31 LONG 082 34 36.01)											
NOV , 1978											
07...	--	.00	.00	--	.01	.03	--	.01	--	.52	.67
280231082343602 - ROCKY CREEK LF 84 (LAT 28 02 31 LONG 082 34 36.02)											
NOV , 1978											
07...	--	.00	.00	--	.02	.07	--	.02	--	2.6	3.3
280231082343603 - ROCKY CREEK LF 83 (LAT 28 02 31 LONG 082 34 36.03)											
NOV , 1978											
07...	--	.00	.00	--	.01	.03	--	.01	--	.43	.55
280235082335801 - ROCKY CREEK LF 98 (LAT 28 02 35 LONG 082 33 58.01)											
NOV , 1978											
06...	--	.02	.10	--	.00	.00	--	.02	--	.26	.33
JUN , 1979											
14...	.00	--	--	.00	--	--	.00	--	.27	--	--
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)											
NOV , 1978											
06...	--	.00	.00	--	.00	.00	--	.00	--	.30	.39
JUN , 1979											
14...	.00	--	--	.00	--	--	.00	--	.26	--	--
280243082203701 - USCE WELL TBC-01 NR TEMPLE TERRACE, FLA (LAT 28 02 43 LONG 082 20 37.01)											
MAY , 1979											
17...	1.4	--	--	.01	--	--	1.4	--	--	--	--
280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02.01)											
MAY , 1979											
17...	.97	--	--	.01	--	--	.98	--	--	--	--
280450082325509 - CARROLWOOD MEADOWS TREATED, PRIVATE RESIDENCE (LAT 28 04 50 LONG 082 32 55.09)											
JAN , 1979											
30...	.03	--	--	.00	--	--	.03	--	.00	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

461

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)	NITRO- GEN, TOTAL (MG/L AS N03) (71887)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTH. TOTAL (MG/L AS P) (70507)	PHOS- PHORUS, ORTH. DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTH. DIS- SOLVED (MG/L AS P04) (00660)
HILLSBOROUGH COUNTY											
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)											
NOV , 1978 07...	--	16	--	16	--	--	--	.05	--	.00	.00
JUN , 1979 14...	.00	--	38	--	38	168	.05	--	.04	--	--
280228082335902 - ROCKY CREEK LF 74 (LAT 28 02 28 LONG 082 33 59.02)											
NOV , 1978 07...	--	.00	--	.38	--	--	--	.02	--	.00	.00
280231082343601 - ROCKY CREEK LF 85 (LAT 28 02 31 LONG 082 34 36.01)											
NOV , 1978 07...	--	.00	--	.52	--	--	--	.02	--	.01	.03
280231082343602 - ROCKY CREEK LF 84 (LAT 28 02 31 LONG 082 34 36.02)											
NOV , 1978 07...	--	1.1	--	3.7	--	--	--	.11	--	.08	.25
280231082343603 - ROCKY CREEK LF 83 (LAT 28 02 31 LONG 082 34 36.03)											
NOV , 1978 07...	--	.00	--	.43	--	--	--	.07	--	.06	.18
280235082335801 - ROCKY CREEK LF 98 (LAT 28 02 35 LONG 082 33 58.01)											
NOV , 1978 06...	--	.24	--	.50	--	--	--	.01	--	.00	.00
JUN , 1979 14...	.19	--	.46	--	.46	2.0	.08	--	.00	--	--
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)											
NOV , 1978 06...	--	.22	--	.52	--	--	--	.02	--	.00	.00
JUN , 1979 14...	.06	--	.32	--	.32	1.4	.08	--	.07	--	--
280243082203701 - USCE WELL TBC-01 NR TEMPLE TERRACE, FLA (LAT 28 02 43 LONG 082 20 37.01)											
MAY , 1979 17...	--	--	--	--	--	--	--	--	--	--	--
280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02.01)											
MAY , 1979 17...	--	--	--	--	--	--	--	--	--	--	--
280450082325509 - CARROLWOOD MEADOWS TREATED,PRIVATE RESIDENCE (LAT 28 04 50 LONG 082 32 55.09)											
JAN , 1979 30...	.28	--	.28	--	.31	1.4	.05	--	.04	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	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)
HILLSBOROUGH COUNTY											
280642082195801 - MORRIS BRIDGE DP WELL 38 NR BRANCHTON (WQ-01) (LAT 28 06 42 LONG 082 19 58.01)											
MAY , 1979											
17...	.00	--	--	.00	--	--	.00	--	--	--	--
LEVY COUNTY											
290118082364101 - 90123601 17S17E05 CE 70 USGS AT INGLIS LOCK (LAT 29 01 18 LONG 082 36 41.01)											
MAY , 1979											
03...	.00	--	--	.01	--	--	.01	--	.22	--	--
MARION COUNTY											
290130082082001 - 90120801 17S22E07 USGS OB WELL CE35 NR PEDRO FL (LAT 29 01 30 LONG 082 08 20.01)											
APR , 1979											
30...	1.2	--	--	.01	--	--	1.2	--	.01	--	--
290132082133001 - 90121301 17S21E08 USGS OB WELL CE78 NR PEDRO FL (LAT 29 01 32 LONG 082 13 30.01)											
APR , 1979											
30...	.14	--	--	.00	--	--	.14	--	.01	--	--
290312082190601 - 90321901 16S20E33 CE 22 U S GEOL SURVEY (LAT 29 03 12 LONG 082 19 06.01)											
APR , 1979											
30...	.21	--	--	.01	--	--	.22	--	.01	--	--
290400082091001 - 90420901 16S21E25 USGS OB WELL CE33 NR OCALA FL (LAT 29 04 00 LONG 082 09 10.01)											
APR , 1979											
30...	.14	--	--	.00	--	--	.14	--	.01	--	--
290447082250901 - 90422501 16S19E20 CE 13 U S GEOL SURVEY (LAT 29 04 47 LONG 082 25 09.01)											
MAY , 1979											
03...	.13	--	--	.00	--	--	.13	--	.05	--	--
290552082044701 - 90520401 16S22E14 USGS OB WELL CE81 NR SANTOS F (LAT 29 05 52 LONG 082 04 47.01)											
MAY , 1979											
02...	.84	--	--	.00	--	--	.84	--	.01	--	--
290820082032001 - 90820301 15S22E36 USGS OB WELL CE39 NR OCALA FL (LAT 29 08 20 LONG 082 03 20.01)											
MAY , 1979											
02...	1.1	--	--	.01	--	--	1.1	--	.05	--	--
PINELLAS COUNTY											
274243082405401 - SOUTHWEST C3 (LAT 27 42 43 LONG 082 40 54.01)											
AUG , 1979											
22...	.01	--	--	.00	--	--	.01	--	1.0	--	--
274259082405402 - WELL NUMBER B6 SW ST PETERSBURG INJ MON 850 (LAT 27 42 59 LONG 082 40 54.02)											
AUG , 1979											
22...	.00	--	--	.00	--	--	.00	--	2.4	--	--



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

463

DATE	NITRO- GEN. ORGANIC (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)	NITRO- GEN. TOTAL (MG/L AS N03) (71887)	PHOS- PHORUS. DIS- SOLVED (MG/L AS P) (00665)	PHOS- PHORUS. DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS. ORTHO. DIS- SOLVED (MG/L AS P) (70507)	PHOS- PHATE. ORTHO. DIS- SOLVED (MG/L AS P04) (00671)	PHOS- PHATE. ORTHO. DIS- SOLVED (MG/L AS P04) (00660)
------	--	--	---	--	--	--	---	---	---	--	--

HILLSBOROUGH COUNTY

280642082195801 - MORRIS BRIDGE DP WELL 3B NR BRANCHTON (WQ-01) (LAT 28 06 42 LONG 082 19 58.01)

MAY , 1979											
17...	--	--	--	--	--	--	--	--	--	--	--

LEVY COUNTY

290118082364101 - 90123601 17S17E05 CE 70 USGS AT INGLIS LOCK (LAT 29 01 18 LONG 082 36 41.01)

MAY , 1979											
03...	.16	--	.38	--	.39	1.7	.12	--	.02	--	--

MARION COUNTY

290130082082001 - 90120801 17S22E07 USGS OB WELL CE35 NR PEDRO FL (LAT 29 01 30 LONG 082 08 20.01)

APR , 1979											
30...	.08	--	.09	--	1.3	5.8	.24	--	.04	--	--

290132082133001 - 90121301 17S21E08 USGS OB WELL CE78 NR PEDRO FL (LAT 29 01 32 LONG 082 13 30.01)

APR , 1979											
30...	.08	--	.09	--	.23	1.0	.02	--	.02	--	--

290312082190601 - 90321901 16S20E33 CE 22 U S GEOL SURVEY (LAT 29 03 12 LONG 082 19 06.01)

APR , 1979											
30...	.04	--	.05	--	.27	1.2	.03	--	.03	--	--

290400082091001 - 90420901 16S21E25 USGS OB WELL CE33 NR OCALA FL (LAT 29 04 00 LONG 082 09 10.01)

APR , 1979											
30...	.12	--	.13	--	.27	1.2	.02	--	.02	--	--

290447082250901 - 90422501 16S19E20 CE 13 U S GEOL SURVEY (LAT 29 04 47 LONG 082 25 09.01)

MAY , 1979											
03...	.03	--	.08	--	.21	.90	.06	--	.06	--	--

290552082044701 - 90520401 16S22E14 USGS OB WELL CE81 NR SANTOS F (LAT 29 05 52 LONG 082 04 47.01)

MAY , 1979											
02...	.23	--	.24	--	1.0	4.8	.04	--	.03	--	--

290820082032001 - 90820301 15S22E36 USGS OB WELL CE39 NR OCALA FL (LAT 29 08 20 LONG 082 03 20.01)

MAY , 1979											
02...	.02	--	.07	--	1.1	5.2	.05	--	.05	--	--

PINELLAS COUNTY

274243082405401 - SOUTHWEST C3 (LAT 27 42 43 LONG 082 40 54.01)

AUG , 1979											
22...	2.2	--	3.2	--	3.2	14	.04	--	.04	--	--

274259082405402 - WELL NUMBER B6 SW ST PETERSBURG INJ MON 850 (LAT 27 42 59 LONG 082 40 54.02)

AUG , 1979											
22...	2.2	--	4.6	--	4.6	20	.71	--	.60	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N03) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N02) (71856)	NITRO- GEN, NO2+N03 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+N03 DIS- SOLVED (MG/L AS N) (00631)	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)
PINELLAS COUNTY											
274259082410202 - WELL NUMBER B2 SW ST PETERSBURG MON 1120 (LAT 27 42 59 LONG 082 41 02.02)											
AUG , 1979 21...	.00	--	--	.00	--	--	.00	--	.50	--	--
274259082410203 - WELL NUMBER B3 SW ST PETERSBURG MON 851 (LAT 27 42 59 LONG 082 41 02.03)											
AUG , 1979 22...	.00	--	--	.00	--	--	.00	--	3.0	--	--
274259082410205 - WELL NUMBER B5 SW ST PETERSBURG MON 396 (LAT 27 42 59 LONG 082 41 02.05)											
AUG , 1979 22...	.00	--	--	.00	--	--	.00	--	.90	--	--
274259082411202 - SOUTHWEST C1 (LAT 27 42 59 LONG 082 41 12.02)											
AUG , 1979 22...	.01	--	--	.00	--	--	.01	--	1.2	--	--
274259082411203 - SOUTHWEST C2 (LAT 27 42 59 LONG 082 41 12.03)											
AUG , 1979 21...	.01	--	--	.00	--	--	.01	--	1.2	--	--
274756082371501 - WELL NUMBER S1 SUNSET GOLF COURSE (LAT 27 47 56 LONG 082 37 15.01)											
OCT , 1978 17...	.00	--	--	.00	--	--	.00	--	.71	--	--
274819082374001 - WELL NUMBER S2 CRISP PARK (LAT 27 48 19 LONG 082 37 40.01)											
OCT , 1978 24...	.00	--	--	.00	--	--	.00	--	.55	--	--
274848082363401 - WELL NUMBER S3 NE PRESBYTERIAN CHURCH (LAT 27 48 48 LONG 082 36 34.01)											
OCT , 1978 17...	.00	--	--	.02	--	--	.02	--	3.0	--	--
274850082371601 - WELL NUMBER S4 JM WINTER (LAT 27 48 50 LONG 082 37 16.01)											
OCT , 1978 19...	.00	--	--	.00	--	--	.00	--	.34	--	--
274902082390401 - WELL NUMBER S5 ROBERT COMMUNITY CENTER (LAT 27 49 02 LONG 082 39 04.01)											
OCT , 1978 24...	.00	--	--	.00	--	--	.00	--	.48	--	--
274910082380401 - WELL NUMBER S6 SHORECREST HIGH SCHOOL (LAT 27 49 10 LONG 082 38 04.01)											
OCT , 1978 24...	.01	--	--	.00	--	--	.01	--	.40	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

465

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)	NITRO- GEN, TOTAL (MG/L AS N03) (71887)	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)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS P04) (00660)
PINELLAS COUNTY											
274259082410202 - WELL NUMBER B2 SW ST PETERSBURG MON 1120 (LAT 27 42 59 LONG 082 41 02.02)											
AUG , 1979 21...	.80	--	1.3	--	1.3	5.8	.06	--	.06	--	--
274259082410203 - WELL NUMBER B3 SW ST PETERSBURG MON 851 (LAT 27 42 59 LONG 082 41 02.03)											
AUG , 1979 22...	2.0	--	5.0	--	5.0	22	.71	--	.71	--	--
274259082410205 - WELL NUMBER B5 SW ST PETERSBURG MON 396 (LAT 27 42 59 LONG 082 41 02.05)											
AUG , 1979 22...	1.2	--	2.1	--	2.1	9.3	.04	--	.04	--	--
274259082411202 - SOUTHWEST C1 (LAT 27 42 59 LONG 082 41 12.02)											
AUG , 1979 22...	1.4	--	2.6	--	2.6	12	.04	--	.04	--	--
274259082411203 - SOUTHWEST C2 (LAT 27 42 59 LONG 082 41 12.03)											
AUG , 1979 21...	1.6	--	2.8	--	2.8	12	.01	--	.00	--	--
274756082371501 - WELL NUMBER S1 SUNSET GOLF COURSE (LAT 27 47 56 LONG 082 37 15.01)											
OCT , 1978 17...	.07	--	.78	--	.78	3.5	.05	--	.04	--	--
274819082374001 - WELL NUMBER S2 CRISP PARK (LAT 27 48 19 LONG 082 37 40.01)											
OCT , 1978 24...	.12	--	.67	--	.57	3.0	.08	--	.08	--	--
274848082363401 - WELL NUMBER S3 NE PRESBYTERIAN CHURCH (LAT 27 48 48 LONG 082 36 34.01)											
OCT , 1978 17...	1.2	--	4.2	--	4.2	19	.16	--	.16	--	--
274850082371601 - WELL NUMBER S4 JM WINTER (LAT 27 48 50 LONG 082 37 16.01)											
OCT , 1978 19...	.10	--	.44	--	.44	1.9	.06	--	.05	--	--
274902082390401 - WELL NUMBER S5 ROBERT COMMUNITY CENTER (LAT 27 49 02 LONG 082 39 04.01)											
OCT , 1978 24...	.09	--	.57	--	.57	2.5	.05	--	.05	--	--
274910082380401 - WELL NUMBER S6 SHORECREST HIGH SCHOOL (LAT 27 49 10 LONG 082 38 04.01)											
OCT , 1978 24...	.15	--	.55	--	.56	2.5	.06	--	.06	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N03) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N02) (71856)	NITRO- GEN, NO2+N03 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+N03 DIS- SOLVED (MG/L AS N) (00631)	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)
PINELLAS COUNTY											
274915082364701 - WELL NUMBER S7 GILLOTTS (LAT 27 49 15 LONG 082 36 47.01)											
OCT , 1978 24...	.00	--	--	.03	--	--	.03	--	3.2	--	--
274937082373301 - WELL NUMBER S8 NEIL (LAT 27 49 37 LONG 082 37 33.01)											
OCT , 1978 19...	.00	--	--	.00	--	--	.00	--	.17	--	--
274943082380401 - WELL NUMBER S9 RIVIERA METHODIST CHURCH (LAT 27 49 43 LONG 082 38 04.01)											
OCT , 1978 19...	.00	--	--	.00	--	--	.00	--	.27	--	--
275029082380401 - WELL NUMBER S10 MILLS (LAT 27 50 29 LONG 082 38 04.01)											
OCT , 1978 19...	.00	--	--	.01	--	--	.01	--	.72	--	--
275135082381901 - WELL NUMBER S11 LIBERTY BAPTIST CHURCH (LAT 27 51 35 LONG 082 38 19.01)											
OCT , 1978 24...	.00	--	--	.00	--	--	.00	--	.40	--	--
275210082411601 - PINELLAS CO. LF 18 (LAT 27 52 10 LONG 082 41 16.01)											
JUN , 1979 05...	.00	--	--	.01	--	--	.01	--	.20	--	--
SEP 21...	.00	--	--	.03	--	--	.03	--	.50	--	--
275218082403601 - PINELLAS CO. LF 10 (LAT 27 52 18 LONG 082 40 36.01)											
DEC , 1978 19...	.01	--	--	.00	--	--	.01	--	.10	--	--
275224082401901 - PINELLAS CO. LF 24 (LAT 27 52 24 LONG 082 40 19.01)											
DEC , 1978 19...	.01	--	--	.00	--	--	.01	--	.12	--	--
275226082402001 - PINCOLF 0 1 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.01)											
AUG , 1979 15...	.00	--	--	.01	--	--	.01	--	3.8	--	--
SEP 06...	.07	--	--	.01	--	--	.08	--	3.9	--	--
23...	.01	--	--	.00	--	--	.01	--	3.0	--	--
275226082402002 - PINCOLF 0 2 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.02)											
AUG , 1979 15...	.01	--	--	.00	--	--	.01	--	1.6	--	--
SEP 06...	.00	--	--	.01	--	--	.01	--	1.5	--	--
23...	.00	--	--	.00	--	--	.00	--	1.6	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

467

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)	NITRO- GEN, TOTAL (MG/L AS N03) (71887)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (70507)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS P04) (00671)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS P04) (00660)
PINELLAS COUNTY											
274915082364701 - WELL NUMBER S7 GILL OTTS (LAT 27 49 15 LONG 082 36 47.01)											
OCT , 1978											
24...	.86	--	4.0	--	4.0	18	2.2	--	2.2	--	--
274937082373301 - WELL NUMBER S8 NEIL (LAT 27 49 37 LONG 082 37 33.01)											
OCT , 1978											
19...	.01	--	.18	--	.18	.80	.05	--	.03	--	--
274943082380401 - WELL NUMBER S9 RIVIERA METHODIST CHURCH (LAT 27 49 43 LONG 082 38 04.01)											
OCT , 1978											
19...	.03	--	.30	--	.30	1.3	.06	--	.06	--	--
275029082380401 - WELL NUMBER S10 MILLS (LAT 27 50 29 LONG 082 38 04.01)											
OCT , 1978											
19...	.42	--	1.1	--	1.1	5.1	.07	--	.04	--	--
275135082381901 - WELL NUMBER S11 LIBERTY BAPTIST CHURCH (LAT 27 51 35 LONG 082 38 19.01)											
OCT , 1978											
24...	.13	--	.53	--	.53	2.3	.04	--	.04	--	--
275210082411601 - PINELLAS CO. LF 18 (LAT 27 52 10 LONG 082 41 16.01)											
JUN , 1979											
05...	3.4	--	3.6	--	3.6	16	.16	--	.08	--	--
SEP											
21...	1.6	--	2.2	--	2.2	9.9	.66	--	.34	--	--
275218082403601 - PINELLAS CO. LF 10 (LAT 27 52 18 LONG 082 40 36.01)											
DEC , 1978											
19...	.11	--	.21	--	.22	1.0	.10	--	.00	--	--
275224082401901 - PINELLAS CO. LF 24 (LAT 27 52 24 LONG 082 40 19.01)											
DEC , 1978											
19...	.32	--	.44	--	.45	2.0	.09	--	.00	--	--
275226082402001 - PINCOLF 0 1 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.01)											
AUG , 1979											
15...	2.1	--	5.9	--	5.9	26	.04	--	.01	--	--
SEP											
06...	6.7	--	10	--	10	47	.19	--	.01	--	--
23...	1.0	--	4.0	--	4.0	18	.03	--	.01	--	--
275226082402002 - PINCOLF 0 2 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.02)											
AUG , 1979											
15...	1.5	--	3.1	--	3.1	14	.05	--	.01	--	--
SEP											
06...	1.4	--	2.9	--	2.9	13	.03	--	.01	--	--
23...	1.0	--	2.6	--	2.6	12	.02	--	.00	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	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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PINELLAS COUNTY

275226082402003 - PINCOLF 0 3 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.03)

JUN , 1979

07...	--	--	--	--	--	--	.02	--	--	--
07...	.01	--	--	.00	--	--	.01	--	.04	--
JUL										
17...	.00	--	--	.00	--	--	.00	--	.04	--
AUG										
15...	.01	--	--	.00	--	--	.01	--	.03	--
SEP										
06...	.01	--	--	.00	--	--	.01	--	.05	--
23...	.00	--	--	.01	--	--	.01	--	.04	--

275226082402004 - PINCOLF 0 4 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.04)

AUG , 1979

15...	.00	--	--	.01	--	--	.01	--	.07	--
SEP										
06...	.00	--	--	.01	--	--	.01	--	.06	--
23...	.01	--	--	.00	--	--	.01	--	.05	--

275226082402111 - PINCOLF B 1 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.11)

AUG , 1979

15...	.00	--	--	.01	--	--	.01	--	4.1	--
30...	1.6	--	--	.01	--	--	1.6	--	.01	--
SEP										
06...	.41	--	--	.35	--	--	.76	--	1.6	--
23...	1.4	--	--	.01	--	--	1.4	--	.38	--

275226082402112 - PINCOLF B 2 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.12)

AUG , 1979

15...	.01	--	--	.00	--	--	.01	--	1.3	--
30...	.02	--	--	.01	--	--	.03	--	.45	--
SEP										
06...	.14	--	--	.01	--	--	.15	--	.22	--
27...	.01	--	--	.00	--	--	.01	--	.25	--

275226082402113 - PINCOLF B 3 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.13)

AUG , 1979

15...	.00	--	--	.00	--	--	.00	--	.55	--
30...	.00	--	--	.00	--	--	.00	--	.20	--
SEP										
06...	.01	--	--	.00	--	--	.01	--	.16	--
27...	.00	--	--	.00	--	--	.00	--	.12	--

275226082402114 - PINCOLF B 4 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.14)

AUG , 1979

15...	.00	--	--	.00	--	--	.00	--	.45	--
30...	.01	--	--	.00	--	--	.01	--	.12	--
SEP										
06...	.01	--	--	.00	--	--	.01	--	.10	--
23...	.01	--	--	.01	--	--	.02	--	.18	--

275227082401913 - PINCOLF M 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 19.13)

APR , 1979

11...	.01	--	--	.00	--	--	.01	--	.01	--
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GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

469

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)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (70507)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)
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PINELLAS COUNTY

275226082402003 - PINCOLF 0 3 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.03)

JUN , 1979											
07...	--	--	--	--	--	--	--	--	--	--	--
07...	1.0	--	1.0	--	1.0	4.6	.18	--	.01	--	--
JUL											
17...	.72	--	.76	--	.76	3.4	.31	--	.00	--	--
AUG											
15...	.97	--	1.0	--	1.0	4.5	.29	--	.01	--	--
SEP											
06...	95	--	95	--	95	421	.17	--	.01	--	--
23...	.74	--	.78	--	.79	3.5	.21	--	.02	--	--

275226082402004 - PINCOLF 0 4 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.04)

AUG , 1979											
15...	1.2	--	1.2	--	1.2	5.7	.19	--	.03	--	--
SEP											
06...	1.2	--	1.2	--	1.2	5.6	.42	--	.06	--	--
23...	73	--	73	--	73	323	.34	--	.08	--	--

275226082402111 - PINCOLF B 1 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.11)

AUG , 1979											
15...	6.7	--	10	--	10	48	.74	--	.02	--	--
30...	2.2	--	2.2	--	3.8	17	.20	--	.02	--	--
SEP											
06...	2.6	--	4.2	--	4.9	22	.20	--	.01	--	--
23...	.95	--	1.3	--	2.7	12	.14	--	.01	--	--

275226082402112 - PINCOLF B 2 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.12)

AUG , 1979											
15...	1.2	--	2.5	--	2.5	11	.07	--	.01	--	--
30...	.95	--	1.4	--	1.4	6.3	.13	--	.00	--	--
SEP											
06...	.96	--	1.1	--	1.3	5.9	.06	--	.00	--	--
27...	.52	--	.77	--	.78	3.5	.07	--	.01	--	--

275226082402113 - PINCOLF B 3 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.13)

AUG , 1979											
15...	.85	--	1.4	--	1.4	6.2	.05	--	.01	--	--
30...	.72	--	.92	--	.92	4.1	.06	--	.00	--	--
SEP											
06...	.82	--	.98	--	.99	4.4	.05	--	.00	--	--
27...	.55	--	.67	--	.67	3.0	.04	--	.01	--	--

275226082402114 - PINCOLF B 4 SPND NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 21.14)

AUG , 1979											
15...	.65	--	1.1	--	1.1	4.9	.11	--	.01	--	--
30...	.80	--	.92	--	.93	4.1	.10	--	.01	--	--
SEP											
06...	.98	--	1.0	--	1.0	4.8	.12	--	.01	--	--
23...	.59	--	.77	--	.79	3.5	.07	--	.01	--	--

275227082401913 - PINCOLF M 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 19.13)

APR , 1979											
11...	.54	--	.55	--	.56	2.5	.08	--	.01	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N03) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N02) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	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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PINELLAS COUNTY

275227082401914 - PINCOLF M 4 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 19.14)

APR , 1979

11...	.01	--	--	.00	--	--	.01	--	.08	--	--
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275227082402001 - PINCOLF C 1 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.01)

MAR , 1979

28...	.00	--	--	.01	--	--	.01	--	1.8	--	--
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AUG

15...	.00	--	--	.01	--	--	.01	--	3.4	--	--
-------	-----	----	----	-----	----	----	-----	----	-----	----	----

30...

	.00	--	--	.01	--	--	.01	--	3.3	--	--
--	-----	----	----	-----	----	----	-----	----	-----	----	----

SEP

06...	.00	--	--	.00	--	--	.00	--	.04	--	--
-------	-----	----	----	-----	----	----	-----	----	-----	----	----

23...

	.00	--	--	.00	--	--	.00	--	4.2	--	--
--	-----	----	----	-----	----	----	-----	----	-----	----	----

275227082402002 - PINCOLF C 2 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.02)

MAR , 1979

28...	.00	--	--	.01	--	--	.01	--	1.6	--	--
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AUG

15...	.00	--	--	.00	--	--	--	--	.98	--	--
-------	-----	----	----	-----	----	----	----	----	-----	----	----

30...

	.00	--	--	.00	--	--	.00	--	.88	--	--
--	-----	----	----	-----	----	----	-----	----	-----	----	----

SEP

06...	.00	--	--	.01	--	--	.01	--	.01	--	--
-------	-----	----	----	-----	----	----	-----	----	-----	----	----

23...

	.00	--	--	.01	--	--	.01	--	.28	--	--
--	-----	----	----	-----	----	----	-----	----	-----	----	----

275227082402003 - PINCOLF C 3 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.03)

MAR , 1979

28...	.00	--	--	.01	--	--	--	--	.12	--	--
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JUN

07...	.00	--	--	.00	--	--	.00	--	.11	--	--
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JUL

17...	.00	--	--	.01	--	--	.01	--	.08	--	--
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AUG

15...	.00	--	--	.00	--	--	.00	--	.08	--	--
-------	-----	----	----	-----	----	----	-----	----	-----	----	----

30...

	.01	--	--	.00	--	--	.01	--	.77	--	--
--	-----	----	----	-----	----	----	-----	----	-----	----	----

SEP

06...	.00	--	--	.00	--	--	.00	--	--	--	--
-------	-----	----	----	-----	----	----	-----	----	----	----	----

27...

	.00	--	--	.00	--	--	.00	--	.01	--	--
--	-----	----	----	-----	----	----	-----	----	-----	----	----

275227082402004 - PINCOLF C 4 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.04)

MAR , 1979

28...	.00	--	--	.01	--	--	.01	--	.15	--	--
-------	-----	----	----	-----	----	----	-----	----	-----	----	----

AUG

15...	.00	--	--	.00	--	--	.00	--	.12	--	--
-------	-----	----	----	-----	----	----	-----	----	-----	----	----

30...

	.00	--	--	.01	--	--	.01	--	.10	--	--
--	-----	----	----	-----	----	----	-----	----	-----	----	----

SEP

06...	.00	--	--	.00	--	--	.00	--	3.4	--	--
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23...

	.00	--	--	.00	--	--	.00	--	.02	--	--
--	-----	----	----	-----	----	----	-----	----	-----	----	----

275227082402023 - PINCOLF I 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.23)

JUN , 1979

07...	.01	--	--	.00	--	--	.01	--	.02	--	--
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JUL

17...	.01	--	--	.00	--	--	.01	--	.00	--	--
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GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

471

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)	NITRO- GEN, TOTAL (MG/L AS N03) (71887)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (70507)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS P04) (00660)
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PINELLAS COUNTY

275227082401914 - PINCOLF M 4 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 19.14)

APR , 1979

11...	.22	--	.30	--	.31	1.4	.10	--	.01	--	--
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275227082402001 - PINCOLF C 1 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.01)

MAR , 1979

28...	4.0	--	5.8	--	5.8	26	.03	--	.01	--	--
AUG											
15...	2.0	--	5.4	--	5.4	24	.08	--	.02	--	--
30...	4.2	--	7.5	--	7.5	33	.04	--	.01	--	--
SEP											
06...	1.4	--	1.4	--	1.4	6.4	.29	--	.03	--	--
23...	3.0	--	7.2	--	7.2	32	.06	--	.01	--	--

275227082402002 - PINCOLF C 2 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.02)

MAR , 1979

28...	1.2	--	2.8	--	2.8	13	.12	--	.01	--	--
AUG											
15...	1.5	--	--	--	--	--	.17	--	.03	--	--
30...	1.4	--	2.2	--	2.2	10	.07	--	.02	--	--
SEP											
06...	2.2	--	2.2	--	2.2	9.8	.12	--	.03	--	--
23...	2.0	--	2.2	--	2.2	10	.07	--	.01	--	--

275227082402003 - PINCOLF C 3 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.03)

MAR , 1979

28...	1.1	--	--	--	1.2	--	.25	--	.01	--	--
JUN											
07...	1.4	--	1.5	--	1.5	6.7	.20	--	.03	--	--
JUL											
17...	.97	--	1.0	--	1.0	4.7	.18	--	.08	--	--
AUG											
15...	1.0	--	1.0	--	1.0	4.8	.43	--	.02	--	--
30...	76	--	77	--	77	341	.23	--	.06	--	--
SEP											
06...	.98	--	--	--	--	--	.25	--	.02	--	--
27...	.99	--	1.0	--	1.0	4.4	.17	--	.07	--	--

275227082402004 - PINCOLF C 4 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.04)

MAR , 1979

28...	.85	--	1.0	--	1.0	4.5	.23	--	.02	--	--
AUG											
15...	1.4	--	1.5	--	1.5	6.7	.29	--	.02	--	--
30...	.82	--	.92	--	.93	4.1	.27	--	.05	--	--
SEP											
06...	5.8	--	9.2	--	9.2	41	.03	--	.01	--	--
23...	1.0	--	1.0	--	1.0	4.5	.17	--	.04	--	--

275227082402023 - PINCOLF I 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.23)

JUN , 1979

07...	1.2	--	1.2	--	1.2	5.4	.08	--	.02	--	--
JUL											
17...	.85	--	.85	--	.86	3.8	.10	--	.03	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	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)
PINELLAS COUNTY											
275227082402221 - PINCOLF H 1 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.21)											
AUG , 1979											
15...	.07	--	--	.01	--	--	.08	--	3.1	--	--
30...	.01	--	--	.00	--	--	.01	--	.38	--	--
SEP											
06...	.00	--	--	.01	--	--	.01	--	.45	--	--
23...	.01	--	--	.00	--	--	.01	--	.35	--	--
275227082402222 - PINCOLF H 2 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.22)											
AUG , 1979											
15...	.00	--	--	.01	--	--	.01	--	.63	--	--
30...	.00	--	--	.00	--	--	.00	--	.68	--	--
SEP											
06...	.00	--	--	.01	--	--	.01	--	.68	--	--
23...	.03	--	--	.00	--	--	.03	--	.58	--	--
275227082402223 - PINCOLF H 3 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.23)											
AUG , 1979											
15...	.00	--	--	.01	--	--	.01	--	1.2	--	--
30...	.00	--	--	.00	--	--	.00	--	.61	--	--
SEP											
06...	.01	--	--	.00	--	--	.01	--	.65	--	--
23...	.00	--	--	.00	--	--	.00	--	.66	--	--
275227082402224 - PINCOLF H 4 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.24)											
AUG , 1979											
15...	.01	--	--	.00	--	--	.01	--	1.0	--	--
30...	.00	--	--	.00	--	--	.00	--	.05	--	--
SEP											
06...	.01	--	--	.00	--	--	.01	--	.06	--	--
23...	.01	--	--	.00	--	--	.01	--	.03	--	--
275244082410401 - PINELLAS CO. LF 3 (LAT 27 52 44 LONG 082 41 04.01)											
DEC , 1978											
19...	.00	--	--	.03	--	--	.03	--	160	--	--
275244082411401 - PINELLAS CO. LF 4 (LAT 27 52 44 LONG 082 41 14.01)											
DEC , 1978											
19...	.00	--	--	.01	--	--	.01	--	1.3	--	--
FEB , 1979											
26...	.00	--	--	.01	--	--	.01	--	1.9	--	--
275244082412301 - PINELLAS CO. LF 7 (LAT 27 52 44 LONG 082 41 23.01)											
DEC , 1978											
19...	.00	--	--	.03	--	--	.03	--	.18	--	--
FEB , 1979											
26...	.00	--	--	.02	--	--	.02	--	.34	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
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)	NITRO- GEN, TOTAL (MG/L AS N03) (71887)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTH- O, DIS- SOLVED (MG/L AS P) (70507)	PHOS- PHORUS, ORTH- O, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTH- O, DIS- SOLVED (MG/L AS P04) (00660)
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PINELLAS COUNTY

275227082402221 - PINCOLF H 1 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.21)

AUG , 1979

15...	2.6	--	5.7	--	5.7	26	.42	--	.12	--	--
30...	.67	--	1.0	--	1.0	4.7	.02	--	.01	--	--
SEP											
06...	.93	--	1.3	--	1.3	6.2	.01	--	.01	--	--
23...	.70	--	1.0	--	1.0	4.7	.01	--	.01	--	--

275227082402222 - PINCOLF H 2 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.22)

AUG , 1979

15...	1.0	--	1.6	--	1.6	7.3	.13	--	.09	--	--
30...	.34	--	1.0	--	1.0	4.5	.03	--	.00	--	--
SEP											
06...	.47	--	1.1	--	1.1	5.1	.05	--	.01	--	--
23...	.52	--	1.1	--	1.1	5.0	.02	--	.01	--	--

275227082402223 - PINCOLF H 3 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.23)

AUG , 1979

15...	.66	--	1.8	--	1.8	8.3	.02	--	.01	--	--
30...	.27	--	.88	--	.88	3.9	.01	--	.00	--	--
SEP											
06...	.65	--	1.3	--	1.3	5.8	.01	--	.00	--	--
23...	.44	--	1.1	--	1.1	4.9	.02	--	.01	--	--

275227082402224 - PINCOLF H 4 W NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 22.24)

AUG , 1979

15...	.00	--	1.0	--	1.0	4.5	.21	--	.01	--	--
30...	.45	--	.50	--	.50	2.2	.04	--	.00	--	--
SEP											
06...	.62	--	.68	--	.69	3.1	.01	--	.01	--	--
23...	.35	--	.38	--	.39	1.7	.01	--	.01	--	--

275244082410401 - PINELLAS CO. LF 3 (LAT 27 52 44 LONG 082 41 04.01)

DEC , 1978

19...	1.2	--	161	--	161	713	.40	--	.06	--	--
-------	-----	----	-----	----	-----	-----	-----	----	-----	----	----

275244082411401 - PINELLAS CO. LF 4 (LAT 27 52 44 LONG 082 41 14.01)

DEC , 1978

19...	1.2	--	2.5	--	2.5	11	.15	--	.01	--	--
FEB , 1979											
26...	.26	--	2.1	--	2.1	9.6	.84	--	.02	--	--

275244082412301 - PINELLAS CO. LF 7 (LAT 27 52 44 LONG 082 41 23.01)

DEC , 1978

19...	.70	--	.88	--	.91	4.0	.21	--	.05	--	--
FEB , 1979											
26...	2.7	--	3.0	--	3.0	14	1.8	--	.04	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N03) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N02) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	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)
------	---	--	--	---	--	--	---	--	---	--	--

PINELLAS COUNTY

275245082405401 - PINELLAS CO. LF 2 (LAT 27 52 45 LONG 082 40 54.01)

DEC , 1978											
19...	.00	--	--	.03	--	--	.03	--	79	--	--
FEB , 1979											
26...	.00	--	--	.03	--	--	.03	--	180	--	--
26...	.19	--	--	.04	--	--	.23	--	300	--	--

275258082410501 - PINELLAS CO. LF 5 (LAT 27 52 58 LONG 082 41 05.01)

FEB , 1979											
26...	.00	--	--	.07	--	--	.07	--	400	--	--

280601082455301 - PINCO NWSTP 1020 BPND (LAT 28 06 01 LONG 082 45 53.01)

DEC , 1978											
14...	2.5	--	--	.02	--	--	2.5	--	.06	--	--
FEB , 1979											
21...	2.7	--	--	.01	--	--	2.7	--	.00	--	--
APR											
23...	2.3	--	--	.01	--	--	2.3	--	.02	--	--
JUN											
21...	4.0	--	--	.01	--	--	4.0	--	.02	--	--

280601082460301 - 810 BPND (LAT 28 06 01 LONG 082 46 03.01)

DEC , 1978											
14...	3.8	--	--	.05	--	--	3.8	--	.11	--	--
FEB , 1979											
21...	6.0	--	--	.03	--	--	6.0	--	.02	--	--
APR											
23...	4.8	--	--	.01	--	--	4.8	--	.03	--	--
JUN											
21...	4.1	--	--	.06	--	--	4.1	--	.02	--	--

280601082461301 - PINCO NWSTP 708 BPND (LAT 28 06 01 LONG 082 46 13.01)

DEC , 1978											
14...	.00	--	--	.02	--	--	.02	--	.42	--	--

280614082462301 - PINCO NWSTP 604 HILS (LAT 28 06 14 LONG 082 46 23.01)

DEC , 1978											
13...	2.6	--	--	.02	--	--	2.6	--	.17	--	--
FEB , 1979											
21...	4.8	--	--	.02	--	--	4.8	--	.06	--	--
APR											
23...	4.5	--	--	.01	--	--	4.5	--	.01	--	--
JUN											
21...	2.5	--	--	.01	--	--	2.5	--	.03	--	--

280618082454001 - PINCO NWSTP 31 (LAT 28 06 18 LONG 082 45 40.01)

DEC , 1978											
13...	.36	--	--	.02	--	--	.38	--	.06	--	--
FEB , 1979											
22...	28	--	--	.01	--	--	28	--	.02	--	--
APR											
24...	31	--	--	.00	--	--	31	--	.03	--	--
JUN											
19...	45	--	--	.00	--	--	45	--	.01	--	--



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
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)	NITRO- GEN, TOTAL (MG/L AS N03) (71887)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTH0. DIS- SOLVED (MG/L AS P) (70507)	PHOS- PHORUS, ORTH0. DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTH0. DIS- SOLVED (MG/L AS P04) (00660)
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PINELLAS COUNTY

275245082405401 - PINELLAS CO. LF 2 (LAT 27 52 45 LONG 082 40 54.01)

DEC , 1978											
19...	.80	--	79	--	79	353	.14	--	.12	--	--
FEB , 1979											
26...	6.0	--	186	--	186	823	.27	--	.16	--	--
26...	10	--	310	--	310	1370	3.0	--	.02	--	--

275258082410501 - PINELLAS CO. LF 5 (LAT 27 52 58 LONG 082 41 05.01)

FEB , 1979											
26...	5.0	--	405	--	327	1790	1.1	--	.48	--	--

280601082455301 - PINCO NWSTP 1020 BPND (LAT 28 06 01 LONG 082 45 53.01)

DEC , 1978											
14...	.12	--	.18	--	2.7	12	.08	--	.08	--	--
FEB , 1979											
21...	.60	--	.60	--	3.3	15	.02	--	.01	--	--
APR											
23...	.34	--	.36	--	2.6	12	.03	--	.02	--	--
JUN											
21...	.83	--	.85	--	4.8	22	.05	--	.04	--	--

280601082460301 - 810 BPND (LAT 28 06 01 LONG 082 46 03.01)

DEC , 1978											
14...	.01	--	.12	--	3.9	18	.07	--	.06	--	--
FEB , 1979											
21...	.52	--	.54	--	6.5	29	.01	--	.00	--	--
APR											
23...	.41	--	.44	--	5.2	23	.02	--	.00	--	--
JUN											
21...	.63	--	.65	--	4.8	21	.03	--	.01	--	--

280601082461301 - PINCO NWSTP 708 BPND (LAT 28 06 01 LONG 082 46 13.01)

DEC , 1978											
14...	.00	--	.42	--	.44	1.9	.06	--	.05	--	--

280614082462301 - PINCO NWSTP 604 HILS (LAT 28 06 14 LONG 082 46 23.01)

DEC , 1978											
13...	.16	--	.33	--	2.9	13	.74	--	.74	--	--
FEB , 1979											
21...	.54	--	.60	--	5.4	24	.80	--	.80	--	--
APR											
23...	.25	--	.26	--	4.7	21	.92	--	.92	--	--
JUN											
21...	40	--	40	--	42	188	.78	--	.68	--	--

280618082454001 - PINCO NWSTP 31 (LAT 28 06 18 LONG 082 45 40.01)

DEC , 1978											
13...	.38	--	.44	--	.82	3.6	.08	--	.06	--	--
FEB , 1979											
22...	.46	--	.48	--	28	126	.04	--	.01	--	--
APR											
24...	.57	--	.60	--	31	140	.10	--	.01	--	--
JUN											
19...	.53	--	.54	--	45	202	.03	--	.01	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	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)
PINELLAS COUNTY											
280628082450701 - 2807.1 DEEP WELL NO.1 (LAT 28 06 28 LONG 082 45 07.01)											
DEC , 1978											
14...	.04	--	--	.02	--	--	.06	--	.40	--	--
FEB , 1979											
21...	.01	--	--	.01	--	--	.02	--	.12	--	--
APR											
24...	.02	--	--	.01	--	--	.03	--	.03	--	--
JUN											
18...	.06	--	--	.01	--	--	.07	--	.41	--	--
280629082454204 - 629-542.4 (LAT 28 06 29 LONG 082 45 42.04)											
DEC , 1978											
13...	10	--	--	.05	--	--	10	--	.04	--	--
FEB , 1979											
22...	9.5	--	--	.04	--	--	9.5	--	.01	--	--
JUN											
19...	2.8	--	--	.05	--	--	2.8	--	.05	--	--
280629082454205 - 629-542.5 (LAT 28 06 29 LONG 082 45 42.05)											
DEC , 1978											
13...	4.0	--	--	.05	--	--	4.0	--	.16	--	--
FEB , 1979											
22...	3.5	--	--	.03	--	--	3.5	--	.01	--	--
APR											
24...	3.3	--	--	.03	--	--	3.3	--	.02	--	--
JUN											
19...	2.4	--	--	.05	--	--	2.4	--	.03	--	--
280631082454504 - 631-545.4 (LAT 28 06 31 LONG 082 45 45.04)											
DEC , 1978											
13...	.13	--	--	.05	--	--	.18	--	2.3	--	--
FEB , 1979											
22...	62	--	--	.05	--	--	62	--	.14	--	--
APR											
24...	35	--	--	.02	--	--	35	--	.31	--	--
JUN											
18...	45	--	--	.12	--	--	45	--	.12	--	--
280634082453405 - 27S15F25 INNISBROOK 144 (LAT 28 06 34 LONG 082 45 34.05)											
DEC , 1978											
14...	2.2	--	--	.05	--	--	2.2	--	.13	--	--
APR , 1979											
24...	8.2	--	--	.05	--	--	8.2	--	.02	--	--
JUN											
19...	9.9	--	--	.08	--	--	9.9	--	.02	--	--
280637082461201 - PINCO NWSTP 3915 DESOTO (LAT 28 06 37 LONG 082 46 12.01)											
DEC , 1978											
14...	6.6	--	--	.02	--	--	6.6	--	.02	--	--
FEB , 1979											
21...	8.8	--	--	.01	--	--	8.8	--	.01	--	--
APR											
23...	8.3	--	--	.00	--	--	8.3	--	.01	--	--
JUN											
21...	7.0	--	--	.00	--	--	7.0	--	.00	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

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DATE	NITRO- GEN, ORGANIC (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)	NITRO- GEN, TOTAL (MG/L AS N03) (71887)	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)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS P04) (00660)
PINELLAS COUNTY											
280628082450701 - 2807.1 DEEP WELL NO.1 (LAT 28 06 28 LONG 082 45 07.01)											
DEC , 1978											
14...	1.2	--	1.6	--	1.6	7.3	.10	--	.10	--	--
FEB , 1979											
21...	2.8	--	2.9	--	2.9	13	.27	--	.16	--	--
APR											
24...	.61	--	.64	--	.67	3.0	.13	--	.03	--	--
JUN											
18...	.76	--	1.1	--	1.2	5.5	.11	--	.08	--	--
280629082454204 - 629-542.4 (LAT 28 06 29 LONG 082 45 42.04)											
DEC , 1978											
13...	.40	--	.44	--	10	46	.03	--	.03	--	--
FEB , 1979											
22...	.85	--	.86	--	10	46	.01	--	.01	--	--
JUN											
19...	1.1	--	1.1	--	4.0	18	.29	--	.10	--	--
280629082454205 - 629-542.5 (LAT 28 06 29 LONG 082 45 42.05)											
DEC , 1978											
13...	.16	--	.32	--	4.3	19	.09	--	.09	--	--
FEB , 1979											
22...	.11	--	.12	--	3.6	16	.06	--	.06	--	--
APR											
24...	.26	--	.28	--	3.6	16	.05	--	.05	--	--
JUN											
19...	.31	--	.34	--	2.7	12	.09	--	.06	--	--
280631082454504 - 631-545.4 (LAT 28 06 31 LONG 082 45 45.04)											
DEC , 1978											
13...	1.5	--	3.8	--	3.9	18	.43	--	.43	--	--
FEB , 1979											
22...	1.5	--	1.6	--	63	282	.04	--	.02	--	--
APR											
24...	1.8	--	2.1	--	37	164	.04	--	.02	--	--
JUN											
18...	2.4	--	2.5	--	47	211	.02	--	.02	--	--
280634082453405 - 27S15E25 INNISBROOK 144 (LAT 28 06 34 LONG 082 45 34.05)											
DEC , 1978											
14...	.43	--	.56	--	2.8	12	.02	--	.02	--	--
APR , 1979											
24...	1.0	--	1.0	--	9.2	41	.10	--	.02	--	--
JUN											
19...	.72	--	.74	--	10	47	.05	--	.02	--	--
280637082461201 - PINCO NWSTP 3915 DESOTO (LAT 28 06 37 LONG 082 46 12.01)											
DEC , 1978											
14...	.24	--	.26	--	6.8	30	.06	--	.06	--	--
FEB , 1979											
21...	.49	--	.50	--	9.3	41	.03	--	.03	--	--
APR											
23...	.14	--	.15	--	8.4	37	.04	--	.03	--	--
JUN											
21...	25	--	25	--	32	142	.04	--	.03	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	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)
------	---	--	--	---	--	--	---	--	---	--	--

PINELLAS COUNTY

280647082461401 - PINCO NWST 811 HARRY (LAT 28 06 47 LONG 082 46 14.01)

DEC , 1978										
14...	1.4	--	--	.02	--	--	1.4	--	.02	--
FEB , 1979										
21...	1.7	--	--	.01	--	--	1.7	--	.00	--
APR										
23...	2.0	--	--	.00	--	--	2.0	--	.01	--
JUN										
21...	1.8	--	--	.00	--	--	1.8	--	.00	--

POLK COUNTY

275408081595702 - KAISER ANNULUS MONITOR A DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.02)

OCT , 1978										
06...	.01	--	--	.00	--	--	.01	--	.42	--
SEP , 1979										
28...	--	--	--	--	--	--	.00	--	--	.55

275408081595703 - KAISER ANNULUS MONITOR B DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.03)

OCT , 1978										
06...	.01	--	--	.00	--	--	.01	--	.70	--
SEP , 1979										
28...	--	--	--	--	--	--	.00	--	--	8.0

275430082000401 - KAISER SATELLITE MON NO. 1 NR MULBERRY (LAT 27 54 30 LONG 082 00 04.01)

OCT , 1978										
06...	.01	--	--	.00	--	--	.01	--	13	--
SEP , 1979										
28...	--	--	--	--	--	--	.00	--	--	1.2

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
NUTRIENTS

479

DATE	NITRO- GEN, ORGANIC (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)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	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)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)
------	--	--	---	--	--	--	--	---	--	---	--

PINELLAS COUNTY

280647082461401 - PINCO NWST 811 HARRY (LAT 28 06 47 LONG 082 46 14.01)

DEC , 1978											
14...	.20	--	.22	--	1.6	7.3	.06	--	.06	--	--
FEB , 1979											
21...	.06	--	.06	--	1.7	7.8	.02	--	.02	--	--
APR											
23...	.69	--	.70	--	2.7	12	.03	--	.02	--	--
JUN											
21...	.17	--	.17	--	1.9	8.7	.03	--	.02	--	--

POLK COUNTY

275408081595702 - KAISER ANNULUS MONITOR A DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.02)

OCT , 1978											
06...	.00	--	.42	--	.43	1.9	.00	--	.00	--	--
SEP , 1979											
28...	--	.47	--	1.0	--	--	.02	--	--	--	--

275408081595703 - KAISER ANNULUS MONITOR B DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.03)

OCT , 1978											
06...	.00	--	.70	--	.71	3.1	.00	--	.00	--	--
SEP , 1979											
28...	--	.41	--	8.4	--	--	.43	--	--	--	--

275430082000401 - KAISER SATELLITE MON NO. 1 NR MULBERRY (LAT 27 54 30 LONG 082 00 04.01)

OCT , 1978											
06...	.00	--	13	--	13	58	.06	--	.02	--	--
SEP , 1979											
28...	--	.30	--	1.5	--	--	.44	--	--	--	--





## GROUND WATER QUALITY RECORDS

## Trace Metals

Data in this section include the following parameters:

Aluminum, total recoverable	Arsenic, total
Arsenic, dissolved	Boron, dissolved
Cadmium, total recoverable	Cadmium, dissolved
Chromium, total recoverable	Chromium, dissolved
Cobalt, total recoverable	Copper, total recoverable
Cooper, dissolved	Iron, total recoverable
Lead, total recoverable	Lead, dissolved
Lithium, dissolved	Manganese, total recoverable
Mercury, total recoverable	Molybdenum, dissolved
Nickel, total recoverable	Selenium, dissolved
Silver, total recoverable	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 1978 TO SEPTEMBER 1979  
TRACE METALS

DATE	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BORON, DIS- SOLVED (UG/L AS B) (01020)	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)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)
DE SOTO COUNTY												
271230081404009 - DESOTO CORRECTIONAL INST TREATED NR ARCADIA, FLA (LAT 27 12 30 LONG 081 40 40.09)												
FEB , 1979 01...	--	1	--	--	1	--	20	--	--	16	--	60
HILLSBOROUGH COUNTY												
275346082172201 - ALDERMAN D. WELL NEAR BRANDON,FL (LAT 27 53 46 LONG 082 17 22.01)												
OCT , 1978 18...	--	--	3	--	--	1	--	1	--	--	0	--
275351082172001 - EASTERLING D. WELL NEAR BRANDON,FL (LAT 27 53 51 LONG 082 17 20.01)												
OCT , 1978 18...	--	--	1	--	--	1	--	0	--	--	1	--
275629082234001 - PALM RIVER WELL 5 AT TAMPA,FLA (WQ-04) (LAT 27 56 29 LONG 082 23 40.01)												
MAY , 1979 14...	--	1	--	--	--	--	--	--	0	--	--	2500
31...	--	--	--	--	0	--	30	--	0	2	--	2500
275701082230303 - USCE WELL TBC-13 AT TAMPA, FLA (LAT 27 57 01 LONG 082 23 03.03)												
MAY , 1979 14...	--	1	--	--	--	--	--	--	0	--	--	1700
31...	--	--	--	--	0	--	30	--	0	1	--	450
275724082161101 - BRANDON 6 CAMELOT (LAT 27 57 24 LONG 082 16 11.01)												
AUG , 1979 07...	--	--	1	--	--	1	--	1	--	--	0	--
275724082221001 - STRUCTURE 160 WELL NEAR TAMPA,FL. (LAT 27 57 24 LONG 082 22 10.01)												
MAY , 1979 14...	--	0	--	--	--	--	--	--	1	--	--	220
31...	--	--	--	--	0	--	20	--	0	0	--	100
275856082210301 - USCE TEST WELL 25-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03.01)												
MAY , 1979 16...	--	5	--	--	--	--	--	--	0	--	--	590
31...	--	--	--	--	0	--	20	--	0	1	--	180
275858082215201 - USCE WELL TBC-14 NR TAMPA, FLA (LAT 27 58 58 LONG 082 21 52.01)												
MAY , 1979 16...	--	1	--	--	--	--	--	--	2	--	--	730
27...	--	--	--	--	0	--	20	--	0	1	--	780
280012082204901 - USCE WELL TBC-05 NR TEMPLE TERRACE, FLA (LAT 28 00 12 LONG 082 20 49.01)												
MAY , 1979 16...	--	1	--	--	--	--	--	--	1	--	--	1700
27...	--	--	--	--	0	--	20	--	0	0	--	960

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

483

DATE	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	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)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
DE SOTO COUNTY												
271230081404009 - DESOTO CORRECTIONAL INST TREATED NR ARCADIA, FLA (LAT 27 12 30 LONG 081 40 40.09)												
FEB , 1979 01...	4	--	--	0	--	.7	--	--	--	0	6800	0
HILLSBOROUGH COUNTY												
275346082172201 - ALDERMAN D. WELL NEAR BRANDON,FL (LAT 27 53 46 LONG 082 17 22.01)												
OCT , 1978 18...	--	1	--	--	80	--	--	--	0	--	--	--
275351082172001 - EASTERLING D. WELL NEAR BRANDON,FL (LAT 27 53 51 LONG 082 17 20.01)												
OCT , 1978 18...	--	1	--	--	0	--	--	--	0	--	--	--
275629082234001 - PALM RIVER WELL 5 AT TAMPA,FLA (WQ-04) (LAT 27 56 29 LONG 082 23 40.01)												
MAY , 1979 14... 31...	-- 1	-- --	-- --	-- 40	-- --	<.5 --	-- --	-- --	-- --	-- --	560 --	-- 30
275701082230303 - USCE WELL TBC-13 AT TAMPA, FLA (LAT 27 57 01 LONG 082 23 03.03)												
MAY , 1979 14... 31...	-- 1	-- --	-- --	-- 20	-- --	<.5 --	-- --	-- --	-- --	-- --	580 --	-- 10
275724082161101 - BRANDON 6 CAMELOT (LAT 27 57 24 LONG 082 16 11.01)												
AUG , 1979 07...	--	0	--	--	3	--	--	--	0	--	--	--
275724082221001 - STRUCTURE 160 WELL NEAR TAMPA,FL. (LAT 27 57 24 LONG 082 22 10.01)												
MAY , 1979 14... 31...	-- 0	-- --	-- --	-- 10	-- --	<.5 --	-- --	-- --	-- --	-- --	880 --	-- 10
275856082210301 - USCE TEST WELL 25-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03.01)												
MAY , 1979 16... 31...	-- 2	-- --	-- --	-- 10	-- --	<.5 --	-- --	-- --	-- --	-- --	130 --	-- 10
275858082215201 - USCE WELL TBC-14 NR TAMPA, FLA (LAT 27 58 58 LONG 082 21 52.01)												
MAY , 1979 16... 27...	-- 0	-- --	-- --	-- 20	-- --	<.5 --	-- --	-- --	-- --	-- --	140 --	-- 10
280012082204901 - USCE WELL TBC-05 NR TEMPLE TERRACE, FLA (LAT 28 00 12 LONG 082 20 49.01)												
MAY , 1979 16... 27...	-- 0	-- --	-- --	-- 10	-- --	<.5 --	-- --	-- --	-- --	-- --	1000 --	-- 10

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

DATE	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BORON, DIS- SOLVED (UG/L AS B) (01020)	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)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)
HILLSBOROUGH COUNTY												
280028082173901 - NE 4 (LAT 28 00 28 LONG 082 17 39.01)												
FEB , 1979												
02...	--	9	--	--	0	--	<10	--	--	2	--	--
280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE, FL. (LAT 28 00 30 LONG 082 19 08.01)												
MAY , 1979												
16...	--	1	--	--	--	--	--	--	1	--	--	50
27...	--	--	--	--	0	--	20	--	0	0	--	60
280034082172801 - NE 21 (LAT 28 00 34 LONG 082 17 28.01)												
FEB , 1979												
02...	--	0	--	--	0	--	10	--	--	2	--	--
280034082172802 - NORTHEAST 21A (LAT 28 00 34 LONG 082 17 28.02)												
FEB , 1979												
02...	--	0	--	--	1	--	10	--	--	24	--	--
280034082173001 - NORTHEAST LF 23 (LAT 28 00 34 LONG 082 17 30.01)												
FEB , 1979												
02...	--	1	--	--	0	--	10	--	--	5	--	--
280038082204201 - EVRGDLS AQTC NRSRY WELL ES-55(#608)NR TT (WQ-10) (LAT 28 00 38 LONG 082 20 42.01)												
MAY , 1979												
16...	--	1	--	--	--	--	--	--	0	--	--	290
27...	--	--	--	--	0	--	20	--	0	0	--	200
280043082173001 - NE 20 (LAT 28 00 43 LONG 082 17 30.01)												
FEB , 1979												
02...	--	1	--	--	0	--	<10	--	--	39	--	--
280055082222701 - USCE WELL TBC-09 AT TEMPLE TERRACE, FLA (LAT 28 00 55 LONG 082 22 27.01)												
MAY , 1979												
16...	--	2	--	--	--	--	--	--	0	--	--	3000
27...	--	--	--	--	0	--	20	--	0	0	--	1600
280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)												
NOV , 1978												
09...	--	2	--	--	1	--	10	--	--	1	--	--
280103082210901 - USCE WELL TBC-06 NR TEMPLE TERRACE, FLA (LAT 28 01 03 LONG 082 21 09.01)												
MAY , 1979												
16...	--	2	--	--	--	--	--	--	2	--	--	1000
27...	--	--	--	--	0	--	20	--	0	0	--	260

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

485

DATE	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	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)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
HILLSBOROUGH COUNTY												
280028082173901 - NE 4 (LAT 28 00 28 LONG 082 17 39.01)												
FEB , 1979 02...	3	--	--	--	--	<.5	--	--	--	--	--	10
280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE,FL. (LAT 28 00 30 LONG 082 19 08.01)												
MAY , 1979 16... 27...	-- 2	-- --	-- --	-- 10	-- --	<.5 --	-- --	-- --	-- --	-- --	610 --	-- 100
280034082172801 - NE 21 (LAT 28 00 34 LONG 082 17 28.01)												
FEB , 1979 02...	1	--	--	--	--	<.5	--	--	--	--	--	210
280034082172802 - NORTHEAST 21A (LAT 28 00 34 LONG 082 17 28.02)												
FEB , 1979 02...	10	--	--	--	--	<.5	--	--	--	--	--	1000
280034082173001 - NORTHEAST LF 23 (LAT 28 00 34 LONG 082 17 30.01)												
FEB , 1979 02...	1	--	--	--	--	<.5	--	--	--	--	--	640
280038082204201 - EVRGLDS AQTC NRSRY WELL ES-55(#608)NR TT (WQ-10) (LAT 28 00 38 LONG 082 20 42.01)												
MAY , 1979 16... 27...	-- 0	-- --	-- --	-- 0	-- --	<.5 --	-- --	-- --	-- --	-- --	910 --	-- 10
280043082173001 - NE 20 (LAT 28 00 43 LONG 082 17 30.01)												
FEB , 1979 02...	1	--	--	--	--	<.5	--	--	--	--	--	30
280055082222701 - USCE WELL TBC-09 AT TEMPLE TERRACE, FLA (LAT 28 00 55 LONG 082 22 27.01)												
MAY , 1979 16... 27...	-- 0	-- --	-- --	-- 20	-- --	<.5 --	-- --	-- --	-- --	-- --	1100 --	-- 10
280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)												
NOV , 1978 09...	9	--	--	--	--	<.5	--	--	--	--	--	30
280103082210901 - USCE WELL TBC-06 NR TEMPLE TERRACE, FLA (LAT 28 01 03 LONG 082 21 09.01)												
MAY , 1979 16... 27...	-- 0	-- --	-- --	-- 80	-- --	<.5 --	-- --	-- --	-- --	-- --	510 --	-- 10

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

DATE	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BORON, DIS- SOLVED (UG/L AS B) (01020)	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)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)
HILLSBOROUGH COUNTY												
280107082173001 - NORTHEAST 22 (LAT 28 01 07 LONG 082 17 30.01)												
FEB , 1979 02...	--	1	--	--	0	--	<10	--	--	13	--	--
280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)												
NOV , 1978 08...	--	2	--	--	2	--	<10	--	--	2	--	--
280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)												
NOV , 1978 08...	--	1	--	--	2	--	10	--	--	48	--	--
280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)												
NOV , 1978 09...	--	1	--	--	0	--	<10	--	--	0	--	--
280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)												
NOV , 1978 09...	--	0	--	--	15	--	<10	--	--	7	--	--
280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)												
NOV , 1978 08...	--	1	--	--	4	--	<10	--	--	0	--	--
280116082205301 - USCE TEST WELL 2W-ES NR TEMPLE TERRACE (WQ-05) (LAT 28 01 16 LONG 082 20 53.01)												
MAY , 1979 16...	--	1	--	--	--	--	--	--	1	--	--	680
27...	--	--	--	--	0	--	20	--	0	3	--	1300
280117082193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)												
NOV , 1978 08...	--	1	--	--	3	--	<10	--	--	2	--	--
280221082342901 - ROCKY CREEK LF 53 (LAT 28 02 21 LONG 082 34 29.01)												
NOV , 1978 06...	--	0	--	--	3	--	<10	--	--	1	--	--
280221082342902 - ROCKY CREEK L F 53A (LAT 28 02 21 LONG 082 34 29.02)												
NOV , 1978 06...	--	0	--	--	3	--	<10	--	--	4	--	--
280226082341201 - ROCKY CREEK LF 70 (LAT 28 02 26 LONG 082 34 12.01)												
NOV , 1978 07...	--	1	--	--	0	--	20	--	--	1	--	--



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

487

DATE	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	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)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
HILLSBOROUGH COUNTY												
280107082173001 - NORTHEAST 22 (LAT 28 01 07 LONG 082 17 30.01)												
FEB , 1979 02...	0	--	--	--	--	<.5	--	--	--	--	--	260
280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)												
NOV , 1978 08...	3	--	--	--	--	<.5	--	--	--	--	--	30
280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)												
NOV , 1978 08...	7	--	--	--	--	<.5	--	--	--	--	--	520
280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)												
NOV , 1978 09...	11	--	--	--	--	<.5	--	--	--	--	--	60
280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)												
NOV , 1978 09...	190	--	--	--	--	<.5	--	--	--	--	--	11000
280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)												
NOV , 1978 08...	28	--	--	--	--	<.5	--	--	--	--	--	220
280116082205301 - USCE TEST WELL 2W-ES NR TEMPLE TERRACE (WQ-05) (LAT 28 01 16 LONG 082 20 53.01)												
MAY , 1979 16...	--	--	--	--	--	<.5	--	--	--	--	770	--
27...	0	--	--	40	--	--	--	--	--	--	--	20
280117082193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)												
NOV , 1978 08...	9	--	--	--	--	<.5	--	--	--	--	--	490
280221082342901 - ROCKY CREEK LF 53 (LAT 28 02 21 LONG 082 34 29.01)												
NOV , 1978 06...	23	--	--	--	--	.5	--	--	--	--	--	0
280221082342902 - ROCKY CREEK L F 53A (LAT 28 02 21 LONG 082 34 29.02)												
NOV , 1978 06...	11	--	--	--	--	.5	--	--	--	--	--	0
280226082341201 - ROCKY CREEK LF 70 (LAT 28 02 26 LONG 082 34 12.01)												
NOV , 1978 07...	2	--	--	--	--	<.5	--	--	--	--	--	40

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

DATE	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BORON, DIS- SOLVED (UG/L AS B) (01020)	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)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)
HILLSBOROUGH COUNTY												
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)												
NOV , 1978 07...	--	3	--	--	13	--	<10	--	--	14	--	--
280226082342503 - ROCKY CREEK 412R1 (LAT 28 02 26 LONG 082 34 25.03)												
NOV , 1978 07...	--	1	--	--	0	--	20	--	--	1	--	--
280228082335902 - ROCKY CREEK LF 74 (LAT 28 02 28 LONG 082 33 59.02)												
NOV , 1978 07...	--	1	--	--	0	--	30	--	--	3	--	--
280231082343601 - ROCKY CREEK LF 85 (LAT 28 02 31 LONG 082 34 36.01)												
NOV , 1978 07...	--	1	--	--	0	--	10	--	--	5	--	--
280231082343602 - ROCKY CREEK LF 84 (LAT 28 02 31 LONG 082 34 36.02)												
NOV , 1978 07...	--	1	--	--	0	--	10	--	--	50	--	--
280231082343603 - ROCKY CREEK LF 83 (LAT 28 02 31 LONG 082 34 36.03)												
NOV , 1978 07...	--	1	--	--	2	--	<10	--	--	0	--	--
280235082335801 - ROCKY CREEK LF 98 (LAT 28 02 35 LONG 082 33 58.01)												
NOV , 1978 06...	--	1	--	--	2	--	<10	--	--	58	--	--
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)												
NOV , 1978 06...	--	0	--	--	2	--	<10	--	--	2	--	--
280243082203701 - USCE WELL TBC-01 NR TEMPLE TERRACE, FLA (LAT 28 02 43 LONG 082 20 37.01)												
MAY , 1979 17...	--	1	--	--	--	--	--	--	1	--	--	1300
27...	--	--	--	--	0	--	20	--	0	0	--	720
280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02.01)												
MAY , 1979 17...	--	1	--	--	--	--	--	--	1	--	--	110
31...	--	--	--	--	0	--	20	--	0	16	--	100

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

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DATE	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	LEAD, DIS- SOLVED (UG/L AS PH) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	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)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
HILLSBOROUGH COUNTY												
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)												
NOV , 1978 07...	78	--	--	--	--	<.5	--	--	--	--	--	11000
280226082342503 - ROCKY CREEK 412B1 (LAT 28 02 26 LONG 082 34 25.03)												
NOV , 1978 07...	<100	--	--	--	--	<.5	--	--	--	--	--	--
280228082335902 - ROCKY CREEK LF 74 (LAT 28 02 28 LONG 082 33 59.02)												
NOV , 1978 07...	29	--	--	--	--	<.5	--	--	--	--	--	1200
280231082343601 - ROCKY CREEK LF 85 (LAT 28 02 31 LONG 082 34 36.01)												
NOV , 1978 07...	95	--	--	--	--	<.5	--	--	--	--	--	70
280231082343602 - ROCKY CREEK LF 84 (LAT 28 02 31 LONG 082 34 36.02)												
NOV , 1978 07...	150	--	--	--	--	<.5	--	--	--	--	--	670
280231082343603 - ROCKY CREEK LF 83 (LAT 28 02 31 LONG 082 34 36.03)												
NOV , 1978 07...	0	--	--	--	--	<.5	--	--	--	--	--	30
280235082335801 - ROCKY CREEK LF 98 (LAT 28 02 35 LONG 082 33 58.01)												
NOV , 1978 06...	14	--	--	--	--	.5	--	--	--	--	--	490
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)												
NOV , 1978 06...	12	--	--	--	--	.5	--	--	--	--	--	740
280243082203701 - USCE WELL TBC-01 NR TEMPLE TERRACE, FLA (LAT 28 02 43 LONG 082 20 37.01)												
MAY , 1979 17...	--	--	--	--	--	<.5	--	--	--	--	270	--
27...	2	--	--	10	--	--	--	--	--	--	--	10
280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02.01)												
MAY , 1979 17...	--	--	--	--	--	<.5	--	--	--	--	280	--
31...	0	--	--	10	--	--	--	--	--	--	--	80

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

DATE	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL RECOV- ERABLE (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BORON, DIS- SOLVED (UG/L AS B) (01020)	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)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)
HILLSBOROUGH COUNTY												
280450082325509 - CARROLWOOD MEADOWS TREATED, PRIVATE RESIDENCE (LAT 28 04 50 LONG 082 32 55.09)												
JAN , 1979 30...	--	1	--	--	0	--	<10	--	--	18	--	170
280642082195801 - MORRIS BRIDGE DP WELL 3B NR BRANCHTON (WQ-01) (LAT 28 06 42 LONG 082 19 58.01)												
MAY , 1979 17...	--	1	--	--	--	--	--	--	0	--	--	3600
31...	--	--	--	--	0	--	20	--	0	1	--	3800
275210082411601 - PINELLAS CO. LF 18 (LAT 27 52 10 LONG 082 41 16.01)												
JUN , 1979 05...	700	7	--	--	0	--	20	--	--	3	--	12000
PINELLAS COUNTY												
275218082403601 - PINELLAS CO. LF 10 (LAT 27 52 18 LONG 082 40 36.01)												
DEC , 1978 19...	--	2	--	--	1	--	20	--	--	0	--	--
275224082401901 - PINELLAS CO. LF 24 (LAT 27 52 24 LONG 082 40 19.01)												
DEC , 1978 19...	--	1	--	--	1	--	<10	--	--	0	--	--
275226082402003 - PINCOLF O 3 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.03)												
JUN , 1979 07...	300	20	--	--	0	--	30	--	--	1	--	8700
JUL 17...	1300	10	--	--	0	--	20	--	--	2	--	7900
275227082402003 - PINCOLF C 3 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.03)												
JUN , 1979 07...	900	4	--	--	0	--	30	--	--	1	--	5400
JUL 17...	160	5	--	--	0	--	10	--	--	0	--	4500
275227082402023 - PINCOLF I 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.23)												
JUN , 1979 07...	240	8	--	--	0	--	30	--	--	2	--	1400
JUL 17...	170	4	--	--	0	--	20	--	--	1	--	1500
275244082410401 - PINELLAS CO. LF 3 (LAT 27 52 44 LONG 082 41 04.01)												
DEC , 1978 19...	--	6	--	--	0	--	40	--	--	0	--	--
275244082411401 - PINELLAS CO. LF 4 (LAT 27 52 44 LONG 082 41 14.01)												
DEC , 1978 19...	--	2	--	--	1	--	10	--	--	0	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

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DATE	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	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)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
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HILLSBOROUGH COUNTY

280450082325509 - CARROLWOOD MEADOWS TREATED, PRIVATE RESIDENCE (LAT 28 04 50 LONG 082 32 55.09)

JAN , 1979 30...	2	--	--	10	--	<.5	--	--	--	0	190	40
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280642082195801 - MORRIS BRIDGE DP WELL 3B NR BRANCHTON (WQ-01) (LAT 28 06 42 LONG 082 19 58.01)

MAY , 1979 17...	--	--	--	--	--	<.5	--	--	--	--	140	--
31...	0	--	--	60	--	--	--	--	--	--	--	20

PINELLAS COUNTY

275210082411601 - PINELLAS CO. LF 18 (LAT 27 52 10 LONG 082 41 16.01)

JUN , 1979 05...	9	--	--	--	--	<.5	--	12	--	0	--	30
---------------------	---	----	----	----	----	-----	----	----	----	---	----	----

275218082403601 - PINELLAS CO. LF 10 (LAT 27 52 18 LONG 082 40 36.01)

DEC , 1978 19...	7	--	--	--	--	<.5	--	--	--	--	--	30
---------------------	---	----	----	----	----	-----	----	----	----	----	----	----

275224082401901 - PINELLAS CO. LF 24 (LAT 27 52 24 LONG 082 40 19.01)

DEC , 1978 19...	9	--	--	--	--	<.5	--	--	--	--	--	30
---------------------	---	----	----	----	----	-----	----	----	----	----	----	----

275226082402003 - PINCOLF 0 3 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20.03)

JUN , 1979 07...	5	--	--	--	--	<.5	--	16	--	--	--	20
JUL 17...	2	--	--	--	--	<.5	--	8	--	1	--	40

275227082402003 - PINCOLF C 3 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.03)

JUN , 1979 07...	5	--	--	--	--	<.5	--	19	--	0	--	20
JUL 17...	0	--	--	--	--	<.5	--	6	--	1	--	20

275227082402023 - PINCOLF I 3 NE NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20.23)

JUN , 1979 07...	6	--	--	--	--	<.5	--	22	--	0	--	20
JUL 17...	0	--	--	--	--	<.5	--	7	--	1	--	30

275244082410401 - PINELLAS CO. LF 3 (LAT 27 52 44 LONG 082 41 04.01)

DEC , 1978 19...	7	--	--	--	--	<.5	--	--	--	--	--	90
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275244082411401 - PINELLAS CO. LF 4 (LAT 27 52 44 LONG 082 41 14.01)

DEC , 1978 19...	20	--	--	--	--	<.5	--	--	--	--	--	50
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GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

[illegible]



## 493

[illegible]

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

DATE	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BORON, DIS- SOLVED (UG/L AS B) (01020)	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)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)
PINELLAS COUNTY												
280628082450301 - 27S15E25 INNISBROOK 2 (LAT 28 06 28 LONG 082 45 03.01)												
MAR , 1979 19...	--	5	--	--	--	--	--	--	--	--	--	--
280628082450701 - 2807.1 DEEP WELL NO.I (LAT 28 06 28 LONG 082 45 07.01)												
DEC , 1978 14...	--	23	--	--	1	--	<10	--	--	10	--	--
FEB , 1979 21...	--	230	--	--	0	--	10	--	--	8	--	--
MAR 13...	--	230	--	--	--	--	--	--	--	--	--	--
19...	--	150	--	--	--	--	--	--	--	--	--	--
APR 24...	--	7	--	--	--	--	--	--	--	--	--	--
JUN 18...	--	15	--	--	--	--	--	--	--	--	--	--
280629082454204 - 629-542.4 (LAT 28 06 29 LONG 082 45 42.04)												
DEC , 1978 13...	--	0	--	--	0	--	<10	--	--	1	--	--
FEB , 1979 22...	--	1	--	--	0	--	10	--	--	4	--	--
280629082454205 - 629-542.5 (LAT 28 06 29 LONG 082 45 42.05)												
DEC , 1978 13...	--	2	--	--	3	--	<10	--	--	1	--	--
FEB , 1979 22...	--	2	--	--	0	--	10	--	--	4	--	--
APR 24...	--	3	--	--	--	--	--	--	--	--	--	--
JUN 19...	--	1	--	--	--	--	--	--	--	--	--	--
280631082454504 - 631-545.4 (LAT 28 06 31 LONG 082 45 45.04)												
DEC , 1978 13...	--	1	--	--	0	--	<10	--	--	4	--	--
FEB , 1979 22...	--	1	--	--	1	--	10	--	--	5	--	--
280632082450701 - 27S15E25 INNISBROOK 8 (LAT 28 06 32 LONG 082 45 07.01)												
MAR , 1979 19...	--	3	--	--	--	--	--	--	--	--	--	--
280634082453405 - 27S15E25 INNISBROOK 144 (LAT 28 06 34 LONG 082 45 34.05)												
DEC , 1978 14...	--	3	--	--	1	--	<10	--	--	5	--	--
280637082461201 - PINCO NWSTP 3915 DESOTO (LAT 28 06 37 LONG 082 46 12.01)												
DEC , 1978 14...	--	0	--	--	0	--	<10	--	--	4	--	--
FEB , 1979 21...	--	3	--	--	0	--	<10	--	--	4	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

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DATE	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	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)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
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PINELLAS COUNTY

280628082450301 - 27S15E25 INNISBROOK 2 (LAT 28 06 28 LONG 082 45 03.01)

MAR , 1979	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--

280628082450701 - 2807.1 DEEP WELL NO.1 (LAT 28 06 28 LONG 082 45 07.01)

DEC , 1978	8	--	--	--	--	<.5	--	--	--	--	--	80
14...	8	--	--	--	--	<.5	--	--	--	--	--	80
FEB , 1979	3	--	--	--	--	.9	--	--	--	--	--	50
21...	3	--	--	--	--	.9	--	--	--	--	--	50
MAR	--	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
APR	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
JUN	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--

280629082454204 - 629-542.4 (LAT 28 06 29 LONG 082 45 42.04)

DEC , 1978	5	--	--	--	--	<.5	--	--	--	--	--	40
13...	5	--	--	--	--	<.5	--	--	--	--	--	40
FEB , 1979	3	--	--	--	--	<.5	--	--	--	--	--	10
22...	3	--	--	--	--	<.5	--	--	--	--	--	10

280629082454205 - 629-542.5 (LAT 28 06 29 LONG 082 45 42.05)

DEC , 1978	48	--	--	--	--	<.5	--	--	--	--	--	40
13...	48	--	--	--	--	<.5	--	--	--	--	--	40
FEB , 1979	4	--	--	--	--	<.5	--	--	--	--	--	0
22...	4	--	--	--	--	<.5	--	--	--	--	--	0
APR	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
JUN	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--

280631082454504 - 631-545.4 (LAT 28 06 31 LONG 082 45 45.04)

DEC , 1978	14	--	--	--	--	<.5	--	--	--	--	--	40
13...	14	--	--	--	--	<.5	--	--	--	--	--	40
FEB , 1979	4	--	--	--	--	<.5	--	--	--	--	--	100
22...	4	--	--	--	--	<.5	--	--	--	--	--	100

280632082450701 - 27S15E25 INNISBROOK 8 (LAT 28 06 32 LONG 082 45 07.01)

MAR , 1979	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--

280634082453405 - 27S15E25 INNISBROOK 144 (LAT 28 06 34 LONG 082 45 34.05)

DEC , 1978	9	--	--	--	--	<.5	--	--	--	--	--	40
14...	9	--	--	--	--	<.5	--	--	--	--	--	40

280637082461201 - PINCO NWSTP 3915 DESOTO (LAT 28 06 37 LONG 082 46 12.01)

DEC , 1978	2	--	--	--	--	<.5	--	--	--	--	--	220
14...	2	--	--	--	--	<.5	--	--	--	--	--	220
FEB , 1979	3	--	--	--	--	.7	--	--	--	--	--	120
21...	3	--	--	--	--	.7	--	--	--	--	--	120

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

DATE	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BORON, DIS- SOLVED (UG/L AS B) (01020)	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)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)
PINELLAS COUNTY												
280647082461401 - PINCO NWST 811 HARRY (LAT 28 06 47 LONG 082 46 14.01)												
DEC , 1978												
14...	--	1	--	--	0	--	<10	--	--	9	--	--
FEB , 1979												
21...	--	3	--	--	5	--	<10	--	--	3	--	--
POLK COUNTY												
275408081595702 - KAISER ANNULUS MONITOR A DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.02)												
OCT , 1978												
06...	--	0	0	970	0	0	20	0	--	3	1	--
SEP , 1979												
28...	--	--	0	830	--	0	--	30	--	--	0	--
275408081595703 - KAISER ANNULUS MONITOR B DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.03)												
OCT , 1978												
06...	--	0	0	140	0	0	10	0	--	2	1	--
SEP , 1979												
28...	--	--	0	70	--	0	--	20	--	--	0	--
275430082000401 - KAISER SATELLITE MON NO. 1 NR MULBERRY (LAT 27 54 30 LONG 082 00 04.01)												
OCT , 1978												
06...	--	1	1	16000	2	1	100	0	--	3	1	--
SEP , 1979												
28...	--	--	2	4400	--	0	--	180	--	--	0	--
SARASOTA COUNTY												
270508082213701 - VENICE LANDFILL #3 (LAT 27 05 08 LONG 082 21 37.01)												
OCT , 1978												
17...	--	--	--	--	--	1	--	3	--	--	1	--
JAN , 1979												
30...	--	--	--	--	--	0	--	3	--	--	0	--
270508082215101 - VENICE LANDFILL #2 (LAT 27 05 08 LONG 082 21 51.01)												
OCT , 1978												
17...	--	--	--	--	--	1	--	0	--	--	1	--
JAN , 1979												
30...	--	--	--	--	--	0	--	0	--	--	0	--
270508082220501 - VENICE LANDFILL #1 (LAT 27 05 08 LONG 082 22 05.01)												
OCT , 1978												
17...	--	--	--	--	--	1	--	3	--	--	1	--
JAN , 1979												
30...	--	--	--	--	--	0	--	2	--	--	0	--
270520082215101 - VENICE LANDFILL #5 (LAT 27 05 20 LONG 082 21 51.01)												
OCT , 1978												
17...	--	--	--	--	--	1	--	2	--	--	1	--
JAN , 1979												
30...	--	--	--	--	--	0	--	3	--	--	0	--

## 497

DATE	LEAD.	LEAD.	LITHIUM	MANGA- NESE.	MANGA- NESE.	MERCURY	MOLYB- DENUM.	NICKEL.	SELE- NIUM.	SILVER.	STRON- TIUM.	ZINC.
	TOTAL RECOV- ERABLE (UG/L AS PB)	DIS- SOLVED (UG/L AS PB)	DIS- SOLVED (UG/L AS LI)	TOTAL RECOV- ERABLE (UG/L AS MN)	DIS- SOLVED (UG/L AS MN)	TOTAL RECOV- ERABLE (UG/L AS HG)	DIS- SOLVED (UG/L AS MO)	TOTAL RECOV- ERABLE (UG/L AS NI)	DIS- SOLVED (UG/L AS SE)	TOTAL RECOV- ERABLE (UG/L AS AG)	DIS- SOLVED (UG/L AS SR)	TOTAL RECOV- ERABLE (UG/L AS ZN)
(01051)	(01049)	(01130)	(01055)	(01056)	(71900)	(01060)	(01067)	(01145)	(01077)	(01080)	(01092)	

## PINELLAS COUNTY

280647082461401 - PINCO NWST 811 HARRY (LAT 28 06 47 LONG 082 46 14.01)

DEC , 1978												
14...	7	--	--	--	--	<.5	--	--	--	--	--	600
FEB , 1979												
21...	3	--	--	--	--	1.0	--	--	--	--	--	30

## POLK COUNTY

275408081595702 - KAISER ANNULUS MONITOR A DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.02)

OCT , 1978												
06...	2	1	80	--	40	--	9	--	--	--	1500	40
SEP , 1979												
28...	--	1	80	--	90	--	0	--	0	--	14000	--

275408081595703 - KAISER ANNULUS MONITOR B DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.03)

OCT , 1978												
06...	2	2	80	--	20	--	8	--	--	--	1500	30
SEP , 1979												
28...	--	0	20	--	20	--	0	--	0	--	12000	--

275430082000401 - KAISER SATELLITE MON NO. 1 NR MULBERRY (LAT 27 54 30 LONG 082 00 04.01)

OCT , 1978											
06...	4	3	1400	--	1100	--	0	--	--	920	150
SEP , 1979											
28...	--	0	800	--	830	--	0	--	0	6500	--

## SARASOTA COUNTY

270508082213701 - VENICE LANDFILL #3 (LAT 27 05 08 LONG 082 21 37.01)

[illegible]

270508082215101 - VENICE LANDFILL #2 (LAT 27 05 08 LONG 082 21 51.01)

[illegible]

270508082220501 - VENICE LANDFILL #1 (LAT 27 05 08 LONG 082 22 05.01)

[illegible]

270520082215101 - VENICE LANDFILL #5 (LAT 27 05 20 LONG 082 21 51.01)

[illegible]

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

DATE	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BORON, DIS- SOLVED (UG/L AS B) (01020)	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)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)
SARASOTA COUNTY												
270522082213701 - VENICE LANDFILL #4 (LAT 27 05 22 LONG 082 21 37.01)												
JAN , 1979 30...	--	--	--	--	--	0	--	1	--	--	0	--
270522082220401 - VENICE LANDFILL #6 (LAT 27 05 22 LONG 082 22 04.01)												
OCT , 1978 17...	--	--	--	--	--	0	--	2	--	--	0	--
JAN , 1979 30...	--	--	--	--	--	0	--	1	--	--	0	--
270533082213701 - VENICE LANDFILL #7 (LAT 27 05 33 LONG 082 21 37.01)												
OCT , 1978 17...	--	--	--	--	--	1	--	1	--	--	1	--
JAN , 1979 30...	--	--	--	--	--	0	--	2	--	--	0	--
270533082215101 - VENICE LANDFILL #8 (LAT 27 05 33 LONG 082 21 51.01)												
JAN , 1979 30...	--	--	--	--	--	0	--	4	--	--	16	--
270533082220501 - VENICE LANDFILL #9 (LAT 27 05 33 LONG 082 22 05.01)												
JAN , 1979 30...	--	--	--	--	--	0	--	2	--	--	9	--
271713082231201 - BEE RIDGE LANDFILL #11 (LAT 27 17 13 LONG 082 23 12.01)												
OCT , 1978 10...	--	--	--	--	--	10	--	3	--	--	13	--
JAN , 1979 16...	--	--	--	--	--	1	--	0	--	--	2	--
271723082231001 - BEE RIDGE LANDFILL #10 (LAT 27 17 23 LONG 082 23 10.01)												
OCT , 1978 10...	--	--	--	--	--	10	--	1	--	--	15	--
JAN , 1979 16...	--	--	--	--	--	1	--	0	--	--	4	--
271723082232301 - BEE RIDGE LANDFILL #9 (LAT 27 17 23 LONG 082 23 23.01)												
OCT , 1978 10...	--	--	--	--	--	12	--	2	--	--	75	--
271723082233401 - BEE RIDGE LANDFILL #8 (LAT 27 17 23 LONG 082 23 34.01)												
JAN , 1979 16...	--	--	--	--	--	1	--	0	--	--	17	--



## 499

[illegible]

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
TRACE METALS

DATE	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BORON, DIS- SOLVED (UG/L AS B) (01020)	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)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)
SARASOTA COUNTY												
271733082234101 - BEE RIDGE LANDFILL #7 (LAT 27 17 33 LONG 082 23 41.01)												
OCT , 1978												
10...	--	--	--	--	--	7	--	4	--	--	10	--
JAN , 1979												
16...	--	--	--	--	--	0	--	5	--	--	3	--
271739082240101 - BEE RIDGE LANDFILL WELL # 13 (LAT 27 17 39 LONG 082 24 01.01)												
OCT , 1978												
10...	--	--	--	--	--	15	--	1	--	--	6	--
JAN , 1979												
16...	--	--	--	--	--	2	--	0	--	--	24	--
271752082234601 - BEE RIDGE LANDFILL OFFICE WELL (LAT 27 17 52 LONG 082 23 46.01)												
OCT , 1978												
10...	--	--	--	--	--	10	--	0	--	--	1	--
JAN , 1979												
16...	--	--	--	--	--	4	--	1	--	--	0	--
271753082234301 - BEE RIDGE LANDFILL #2 (LAT 27 17 53 LONG 082 23 43.01)												
JAN , 1979												
16...	--	--	--	--	--	0	--	5	--	--	6	--
271753082240101 - BEE RIDGE LANDFILL #1 (LAT 27 17 53 LONG 082 24 01.01)												
OCT , 1978												
10...	--	--	--	--	--	9	--	6	--	--	61	--
JAN , 1979												
16...	--	--	--	--	--	1	--	0	--	--	240	--

## 501

SARASOTA COUNTY[illegible]



## GROUND WATER QUALITY RECORDS

## Pesticides

Data in this section include the following parameters:

PCB, total	Naphthalenes, polychlor, total
Aldrin, total	Chlordane, total
DDD, total	DDE, total
DDT, total	Dieldrin, total
Endosulfan, total	Endrin, total
Heptachlor, total	Heptachlor Epoxide, total
Mirex, total	Lindane, total
Perthane, total	Toxaphene, 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 1978 TO SEPTEMBER 1979  
PESTICIDES

DATE	PCB. TOTAL (UG/L) (39516)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L) (39250)	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- ELDRIN TOTAL (UG/L) (39380)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ENDRIN, TOTAL (UG/L) (39390)
DE SOTO COUNTY										
271230081404009 - DESOTO CORRECTIONAL INST TREATED NR ARCADIA, FLA (LAT 27 12 30 LONG 081 40 40.09)										
FEB , 1979 01...	.0	.00	.00	.0	.00	.00	.00	.00	.00	.00
HILLSBOROUGH COUNTY										
280221082342902 - ROCKY CREEK L F 53A (LAT 28 02 21 LONG 082 34 29.02)										
AUG , 1979 17...	--	--	--	--	--	--	--	--	--	--
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)										
AUG , 1979 17...	--	--	--	--	--	--	--	--	--	--
280450082325509 - CARROLWOOD MEADOWS TREATED,PRIVATE RESIDENCE (LAT 28 04 50 LONG 082 32 55.09)										
JAN , 1979 30...	.0	.00	.00	.0	.00	.00	.00	.00	.00	.00
SARASOTA COUNTY										
270508082213701 - VENICE LANDFILL #3 (LAT 27 05 08 LONG 082 21 37.01)										
JAN , 1979 30...	.0	.00	.00	.0	.00	.00	.00	.00	.00	.00
270508082220501 - VENICE LANDFILL #1 (LAT 27 05 08 LONG 082 22 05.01)										
JAN , 1979 30...	.0	.00	.00	.0	.00	.00	.00	.00	.00	.00
270520082215101 - VENICE LANDFILL #5 (LAT 27 05 20 LONG 082 21 51.01)										
JAN , 1979 30...	.0	.00	.00	.0	.00	.00	.00	.00	.00	.00
270522082220401 - VENICE LANDFILL #6 (LAT 27 05 22 LONG 082 22 04.01)										
JAN , 1979 30...	.0	.00	.00	.0	.00	.00	.00	.00	.00	.00
270533082213701 - VENICE LANDFILL #7 (LAT 27 05 33 LONG 082 21 37.01)										
JAN , 1979 30...	.0	.00	.00	.0	.00	.00	.00	.00	.00	.00
271713082231201 - BEE RIDGE LANDFILL #11 (LAT 27 17 13 LONG 082 23 12.01)										
JAN , 1979 16...	.0	.00	.00	.0	.00	.00	.00	.00	.00	.00
271723082231001 - BEE RIDGE LANDFILL #10 (LAT 27 17 23 LONG 082 23 10.01)										
JAN , 1979 16...	.0	.00	.00	.0	.00	.00	.00	.00	.00	.00



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
PESTICIDES

505

DATE	HEPTA- CHLOR. TOTAL (UG/L) (39410)	HEPTA- CHLOR. EPOXIDE TOTAL (UG/L) (39420)	MIREX, TOTAL (UG/L) (39755)	LINDANE TOTAL (UG/L) (39340)	PER- THANE TOTAL (UG/L) (39034)	TOX- APHENE, TOTAL (UG/L) (39400)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)
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DE SOTO COUNTY

271230081404009 - DESOTO CORRECTIONAL INST TREATED NR ARCADIA, FLA (LAT 27 12 30 LONG 081 40 40.09)

FEB , 1979									
01...	.00	.00	.00	.00	.00	0	.00	.00	.00

HILLSBOROUGH COUNTY

280221082342902 - ROCKY CREEK L F 53A (LAT 28 02 21 LONG 082 34 29.02)

AUG , 1979									
17...	--	--	--	--	--	--	.00	.00	.00

280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)

AUG , 1979									
17...	--	--	--	--	--	--	.00	.00	.00

280450082325509 - CARROLWOOD MEADOWS TREATED,PRIVATE RESIDENCE (LAT 28 04 50 LONG 082 32 55.09)

JAN , 1979									
30...	.00	.00	.00	.00	.00	0	.00	.00	.00

SARASOTA COUNTY

270508082213701 - VENICE LANDFILL #3 (LAT 27 05 08 LONG 082 21 37.01)

JAN , 1979									
30...	.00	.00	.00	.00	.00	0	--	--	--

270508082220501 - VENICE LANDFILL #1 (LAT 27 05 08 LONG 082 22 05.01)

JAN , 1979									
30...	.00	.00	.00	.00	.00	0	--	--	--

270520082215101 - VENICE LANDFILL #5 (LAT 27 05 20 LONG 082 21 51.01)

JAN , 1979									
30...	.00	.00	.00	.00	.00	0	--	--	--

270522082220401 - VENICE LANDFILL #6 (LAT 27 05 22 LONG 082 22 04.01)

JAN , 1979									
30...	.00	.00	.00	.00	.00	0	--	--	--

270533082213701 - VENICE LANDFILL #7 (LAT 27 05 33 LONG 082 21 37.01)

JAN , 1979									
30...	.00	.00	.00	.00	.00	0	--	--	--

271713082231201 - BEE RIDGE LANDFILL #11 (LAT 27 17 13 LONG 082 23 12.01)

JAN , 1979									
16...	.00	.00	.00	.00	.00	0	--	--	--

271723082231001 - BEE RIDGE LANDFILL #10 (LAT 27 17 23 LONG 082 23 10.01)

JAN , 1979									
16...	.00	.00	.00	.00	.00	0	--	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
PESTICIDES

DATE	PCB, TOTAL (UG/L) (39516)	NAPH- THA- LENES, POLY- CHLOR, TOTAL (UG/L) (39250)	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- ELDRIN TOTAL (UG/L) (39380)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ENDRIN, TOTAL (UG/L) (39390)
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SARASOTA COUNTY

271733082234101 - BEE RIDGE LANDFILL #7 (LAT 27 17 33 LONG 082 23 41.01)

JAN , 1979 16...	.0	.00	.00	.0	.00	.00	.00	.00	.00	.00
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271739082240101 - BEE RIDGE LANDFILL WELL # 13 (LAT 27 17 39 LONG 082 24 01.01)

JAN , 1979 16...	.0	.00	.00	.0	.00	.00	.00	.00	.00	.00
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271752082234601 - BEE RIDGE LANDFILL OFFICE WELL (LAT 27 17 52 LONG 082 23 46.01)

JAN , 1979 16...	.0	.00	.00	.0	.00	.00	.00	.00	.00	.00
---------------------	----	-----	-----	----	-----	-----	-----	-----	-----	-----

271753082240101 - BEE RIDGE LANDFILL #1 (LAT 27 17 53 LONG 082 24 01.01)

JAN , 1979 16...	.0	.00	.00	.0	.00	.00	.00	.00	.00	.00
---------------------	----	-----	-----	----	-----	-----	-----	-----	-----	-----

DATE	HEPTA- CHLOR, TOTAL (UG/L) (39410)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	MIREX, TOTAL (UG/L) (39755)	LINDANE TOTAL (UG/L) (39340)	PER- THANE TOTAL (UG/L) (39034)	TOX- APHENE, TOTAL (UG/L) (39400)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)
------	--	--	--------------------------------------	---------------------------------------	---	---	--------------------------------------	---------------------------------------	---------------------------------------

271733082234101 - BEE RIDGE LANDFILL #7 (LAT 27 17 33 LONG 082 23 41.01)

JAN , 1979 16...	.00	.00	.00	.00	.00	0	--	--	--
---------------------	-----	-----	-----	-----	-----	---	----	----	----

271739082240101 - BEE RIDGE LANDFILL WELL # 13 (LAT 27 17 39 LONG 082 24 01.01)

JAN , 1979 16...	.00	.00	.00	.00	.00	0	--	--	--
---------------------	-----	-----	-----	-----	-----	---	----	----	----

271752082234601 - BEE RIDGE LANDFILL OFFICE WELL (LAT 27 17 52 LONG 082 23 46.01)

JAN , 1979 16...	.00	.00	.00	.00	.00	0	--	--	--
---------------------	-----	-----	-----	-----	-----	---	----	----	----

271753082240101 - BEE RIDGE LANDFILL #1 (LAT 27 17 53 LONG 082 24 01.01)

JAN , 1979 16...	.00	.00	.00	.00	.00	0	--	--	--
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## GROUND WATER QUALITY RECORDS

## Radiochemical Data

Data in this section include the following parameters:

Gross Alpha, dissolved	Gross Alpha, sus tot
Gross Beta, dissolved	Gross Beta, suspended total
Uranium, dissolved, extraction	

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 1978 TO SEPTEMBER 1979  
RADIOCHEMICAL DATA

DATE	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT) (80030)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT) (80040)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90) (80050)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90) (80060)	URANIUM DIS- SOLVED, EXTRAC- TION (UG/L) (80020)	DATE	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT) (80030)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT) (80040)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90) (80050)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90) (80060)	URANIUM DIS- SOLVED, EXTRAC- TION (UG/L) (80020)
DE SOTO COUNTY											
271253081502901 - ARCADIA WATER SUPPLY UNTREATED (LAT 27 12 53 LONG 081 50 29.01)											
AUG , 1979											
23...	62	<.4	17	<.4	.01						
HARDEE COUNTY											
273249081480501 - WAUCHULA WATER SUPPLY UNTREATED (LAT 27 32 49 LONG 081 48 05.01)											
AUG , 1979											
24...	<8.4	<.4	<2.6	<.4	.01						
HILLSBOROUGH COUNTY											
280108082071601 - PLANT CITY #3, FLA (LAT 28 01 08 LONG 082 07 16.01)											
AUG , 1979											
30...	<5.8	<.4	<1.6	<.4	<.01						
280254082232701 - TEMPLE TERRACE CITY WELL 7 (LAT 28 02 54 LONG 082 23 27.01)											
AUG , 1979											
30...	<3.7	<.4	<1.3	<.4	.38						
280611081371101 - HAINES CITY WELL 9 (LAT 28 06 11 LONG 081 37 11.01)											
SEP , 1979											
04...	2.7	<.4	2.0	<.4	.12						
POLK COUNTY											
275353081503301 - BARTOW CITY 1 (LAT 27 53 53 LONG 081 50 33.01)											
SEP , 1979											
04...	21	<.4	5.7	<.4	.18						
280311081543101 - CITY OF LAKE LAND # 15 (LAT 28 03 11 LONG 081 54 31.01)											
SEP , 1979											
05...	<4.5	<.4	<1.8	<.4	<.01						
SARASOTA COUNTY											
270601082261402 - CITY OF VENICE WP RO WATER (LAT 27 06 01 LONG 082 26 14.02)											
AUG , 1979											
22...	<62	<.4	<12	<.4	.12						

## GROUND WATER QUALITY RECORDS

## Bacteriological and Miscellaneous Data

Data in this section include the following parameters:

Turbidity	Density
Oxygen Demand, chemical	Oxygen Demand, biochemical
Carbon Dioxide, dissolved	Sulfide, total
Sulfide, dissolved	Bromide, dissolved
Solids, Suspended, total	Carbon, organic total
Carbon, organic dissolved	Methylene Blue, active substance

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)

[illegible]



GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
BACTERIOLOGICAL AND MISCELLANEOUS DATA

511

DATE	TUR- BID- ITY (NTU) (00076)	DENSITY (GM/ML AT 20 C) (71820)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	CARBON DIOXIDE DIS- SOLVED (MG/L AS CO2) (00405)	SULFIDE TOTAL (MG/L AS S) (00745)	SULFIDE DIS- SOLVED (MG/L AS S) (00746)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L) (70299)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)
HILLSBOROUGH COUNTY												
280043082173001 - NE 20 (LAT 28 00 43 LONG 082 17 30.01)												
FEB , 1979												
02...	1.0	--	0	--	--	--	--	--	--	--	--	--
MAY												
31...	2.0	--	25	--	--	--	--	--	--	--	--	--
280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)												
NOV , 1978												
09...	--	--	8	.5	--	--	--	--	--	--	--	--
280107082173001 - NORTHEAST 22 (LAT 28 01 07 LONG 082 17 30.01)												
FEB , 1979												
02...	1.0	--	25	--	--	--	--	--	--	--	--	--
MAY												
31...	2.0	--	0	--	--	--	--	--	--	--	--	--
280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)												
NOV , 1978												
08...	--	--	4	.3	--	--	--	--	--	--	--	--
JUN , 1979												
14...	4.0	--	20	--	--	--	--	--	--	--	--	--
280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)												
NOV , 1978												
08...	--	--	8	.4	--	--	--	--	--	--	--	--
JUN , 1979												
14...	2.0	--	13	--	--	--	--	--	--	--	--	--
280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)												
NOV , 1978												
09...	--	--	6	.3	--	--	--	--	--	--	--	--
JUN , 1979												
14...	2.0	--	7	--	--	--	--	--	--	--	--	--
280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)												
NOV , 1978												
09...	--	--	12	.8	--	--	--	--	--	--	--	--
280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)												
NOV , 1978												
08...	--	--	2	.2	--	--	--	--	--	--	--	--
JUN , 1979												
14...	2.0	--	13	--	--	--	--	--	--	--	--	--
280117082193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)												
NOV , 1978												
08...	--	--	2	.3	--	--	--	--	--	--	--	--

[illegible]

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
BACTERIOLOGICAL AND MISCELLANEOUS DATA

513

DATE	TUR- BID- ITY (NTU)	DENSITY (GM/ML AT 20 C)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	CARBON DIOXIDE DIS- SOLVED (MG/L AS CO2)	SULFIDE TOTAL (MG/L AS S)	SULFIDE DIS- SOLVED (MG/L AS S)	BROMIDE DIS- SOLVED (MG/L AS BR)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	CARBON, ORGANIC TOTAL (MG/L AS C)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L)
	(00076)	(71820)	(00340)	(00310)	(00405)	(00745)	(00746)	(71870)	(70299)	(00680)	(00681)	(38260)

HILLSBOROUGH COUNTY

280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)

NOV , 1978												
06...	--	--	6	.4	--	--	--	--	--	--	--	--
JUN , 1979												
14...	9.0	--	7	--	--	--	--	--	--	--	--	--

280450082325509 - CARROLWOOD MEADOWS TREATED,PRIVATE RESIDENCE (LAT 28 04 50 LONG 082 32 55.09)

JAN , 1979												
30...	1.0	--	--	--	23	--	--	--	--	--	--	--

LEVY COUNTY

290118082364101 - 90123601 17S17E05 CE 70 USGS AT INGLIS LOCK (LAT 29 01 18 LONG 082 36 41.01)

MAY , 1979												
03...	74	--	--	--	--	--	--	--	--	16	--	--

MARION COUNTY

290130082082001 - 90120801 17S22E07 USGS OB WELL CE35 NR PEDRO FL (LAT 29 01 30 LONG 082 08 20.01)

APR , 1979												
30...	23	--	--	--	--	--	--	--	--	.0	--	--

290132082133001 - 90121301 17S21E08 USGS OB WELL CE78 NR PEDRO FL (LAT 29 01 32 LONG 082 13 30.01)

APR , 1979												
30...	3.0	--	--	--	--	--	--	--	--	5.0	--	--

290312082190601 - 90321901 16S20E33 CE 22 U S GEOL SURVEY (LAT 29 03 12 LONG 082 19 06.01)

APR , 1979												
30...	25	--	--	--	--	--	--	--	--	.0	--	--

290400082091001 - 90420901 16S21E25 USGS OB WELL CE33 NR OCALA FL (LAT 29 04 00 LONG 082 09 10.01)

APR , 1979												
30...	2.0	--	--	--	--	--	--	--	--	--	--	--

290447082250901 - 90422501 16S19E20 CE 13 U S GEOL SURVEY (LAT 29 04 47 LONG 082 25 09.01)

MAY , 1979												
03...	3.0	--	--	--	--	--	--	--	--	5.0	--	--

290552082044701 - 90520401 16S22E14 USGS OB WELL CE81 NR SANTOS F (LAT 29 05 52 LONG 082 04 47.01)

MAY , 1979												
02...	3.0	--	--	--	--	--	--	--	--	6.0	--	--

290820082032001 - 90820301 15S22E36 USGS OB WELL CE39 NR OCALA FL (LAT 29 08 20 LONG 082 03 20.01)

MAY , 1979												
02...	6.0	--	--	--	--	--	--	--	--	1.0	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
BACTERIOLOGICAL AND MISCELLANEOUS DATA

DATE	TUR- BID- ITY (NTU) (00076)	DENSITY (GM/ML AT 20 C) (71820)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	CARBON DIOXIDE DIS- SOLVED (MG/L) AS CO2 (00405)	SULFIDE TOTAL (MG/L) AS S (00745)	SULFIDE DIS- SOLVED (MG/L) AS S (00746)	BROMIDE DIS- SOLVED (MG/L) AS BR (71870)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L) (70299)	CARBON, ORGANIC TOTAL (MG/L) AS C (00680)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C (00681)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)
PINELLAS COUNTY												
274243082405401 - SOUTHWEST C3 (LAT 27 42 43 LONG 082 40 54.01)												
AUG , 1979 22...	1.0	1.024	--	--	--	--	--	--	--	15	--	--
274259082405401 - WELL NUMBER A3 SW ST PETERSBURG INJ WELL 1120 (LAT 27 42 59 LONG 082 40 54.01)												
AUG , 1979 22...	--	1.023	--	--	28	.0	--	66	--	--	--	--
274259082405402 - WELL NUMBER B6 SW ST PETERSBURG INJ MON 850 (LAT 27 42 59 LONG 082 40 54.02)												
AUG , 1979 22...	5.0	1.022	--	--	17	3.4	--	64	--	8.0	--	1.7
274259082410202 - WELL NUMBER B2 SW ST PETERSBURG MON 1120 (LAT 27 42 59 LONG 082 41 02.02)												
AUG , 1979 21...	1.0	1.026	--	--	--	--	--	--	--	4.0	--	2.0
274259082410203 - WELL NUMBER B3 SW ST PETERSBURG MON 851 (LAT 27 42 59 LONG 082 41 02.03)												
AUG , 1979 22...	1.0	1.018	--	--	--	.7	--	48	--	8.0	--	1.5
274259082410205 - WELL NUMBER B5 SW ST PETERSBURG MON 396 (LAT 27 42 59 LONG 082 41 02.05)												
AUG , 1979 22...	.00	1.003	--	--	--	--	--	--	--	14	--	.20
274259082411202 - SOUTHWEST C1 (LAT 27 42 59 LONG 082 41 12.02)												
JUL , 1979 10...	--	1.022	--	--	26	--	.0	--	21	--	--	--
AUG 22...	2.0	1.020	--	--	21	.0	--	65	--	4.0	--	1.9
274259082411203 - SOUTHWEST C2 (LAT 27 42 59 LONG 082 41 12.03)												
AUG , 1979 21...	100	1.017	--	--	47	.0	--	58	--	6.0	--	1.5
274756082371501 - WELL NUMBER S1 SUNSET GOLF COURSE (LAT 27 47 56 LONG 082 37 15.01)												
OCT , 1978 17...	1.0	.996	83	.7	20	--	.6	2.8	0	--	--	--
274819082374001 - WELL NUMBER S2 CRISP PARK (LAT 27 48 19 LONG 082 37 40.01)												
OCT , 1978 24...	1.0	.996	31	.5	7.0	--	--	.6	0	--	--	--

## 515

[illegible]

[illegible]



## 517

PINELLAS COUNTY

28...	.40	--	13	--	--	--	--	--	--	--
AUG										
15...	40	--	50	--	--	--	--	--	--	--
30...	16	--	100	--	--	--	--	--	--	--
SEP										
06...	25	--	220	--	--	--	--	--	--	--
23...	2.8	--	6	--	--	--	--	--	--	--

[illegible]

## 519

[illegible]

[illegible]

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
BACTERIOLOGICAL AND MISCELLANEOUS DATA

521

DATE	TUR- BID- ITY (NTU) (00076)	DENSITY (GM/ML AT (71820)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	CARBON DIOXIDE DIS- SOLVED (MG/L) AS CO2) AS S) (00405)	SULFIDE TOTAL (MG/L) AS S) (00745)	SULFIDE DIS- SOLVED (MG/L) AS S) (00746)	BROMIDE DIS- SOLVED (MG/L) AS BR) (71870)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L) (70299)	CARBON, ORGANIC TOTAL (MG/L) AS C) (00680)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C) (00681)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)
------	---	------------------------------------	--	---	--	--	---	--	--	---	--	---

PINELLAS COUNTY

280629082454205 - 629-542.5 (LAT 28 06 29 LONG 082 45 42.05)

DEC , 1978												
13...	5.0	--	100	.5	--	--	--	--	--	--	--	--
FEB , 1979												
22...	1.0	--	47	.4	--	--	--	--	--	--	--	--
APR												
24...	2.0	--	7	--	--	--	--	--	--	--	--	--
JUN												
19...	5.0	--	0	--	--	--	--	--	--	--	--	--

280631082454504 - 631-545.4 (LAT 28 06 31 LONG 082 45 45.04)

DEC , 1978												
13...	45	--	110	.8	--	--	--	--	--	--	--	--
FEB , 1979												
22...	4.0	--	52	5.4	--	--	--	--	--	--	--	--
APR												
24...	4.0	--	42	--	--	--	--	--	--	--	--	--

280634082453405 - 27515E25 INNISBROOK 144 (LAT 28 06 34 LONG 082 45 34.05)

DEC , 1978												
14...	50	--	70	.2	--	--	--	--	--	--	--	--
APR , 1979												
24...	35	--	14	--	--	--	--	--	--	--	--	--
JUN												
19...	8.0	--	5	--	--	--	--	--	--	--	--	--

280637082461201 - PINCO NWSTP 3915 DESOTO (LAT 28 06 37 LONG 082 46 12.01)

DEC , 1978												
14...	1.0	--	25	.4	--	--	--	--	--	--	--	--
FEB , 1979												
21...	1.0	--	12	.4	--	--	--	--	--	--	--	--
APR												
23...	2.0	--	0	--	--	--	--	--	--	--	--	--
JUN												
21...	.00	--	0	--	--	--	--	--	--	--	--	--

280647082461401 - PINCO NWST 811 HARRY (LAT 28 06 47 LONG 082 46 14.01)

DEC , 1978												
14...	1.0	--	85	.1	--	--	--	--	--	--	--	--
FEB , 1979												
21...	1.0	--	2	.4	--	--	--	--	--	--	--	--
APR												
23...	2.0	--	0	--	--	--	--	--	--	--	--	--
JUN												
21...	.00	--	0	--	--	--	--	--	--	--	--	--

POLK COUNTY

275408081595702 - KAISER ANNULUS MONITOR A DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.02)

OCT , 1978												
06...	25	--	--	--	7.1	--	--	--	--	12	5.0	--
SEP , 1979												
28...	--	1.002	--	--	2.6	--	--	14	--	25	--	--

GROUND WATER QUALITY RECORDS  
OCTOBER 1978 TO SEPTEMBER 1979  
BACTERIOLOGICAL AND MISCELLANEOUS DATA

DATE	TUR- BID- ITY (NTU) (00076)	DENSITY (GM/ML AT 20 C) (71820)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	CARBON DIOXIDE DIS- SOLVED (MG/L AS CO2) (00405)	SULFIDE TOTAL (MG/L AS S) (00745)	SULFIDE DIS- SOLVED (MG/L AS S) (00746)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L) (70299)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)
------	---	--	--	---	--	---	--	---	--	--	---	---

POLK COUNTY

275408081595703 - KAISER ANNULUS MONITOR B DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57.03)

OCT , 1978												
06...	2.0	--	--	--	5.2	--	--	--	--	3.0	3.0	--
SEP , 1979												
28...	--	.999	--	--	8.6	--	--	3.0	--	25	--	--

275430082000401 - KAISER SATELLITE MON NO. 1 NR MULBERRY (LAT 27 54 30 LONG 082 00 04.01)

OCT , 1978												
06...	300	--	--	--	1970	--	--	--	--	8.0	8.0	--
SEP , 1979												
28...	--	1.082	--	--	1890	--	--	280	--	6.6	--	--



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# CALENDAR FOR WATER YEAR 1979

1 9 7 8

## O C T O B E R

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## N O V E M B E R

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

## D E C E M B E R

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

1 9 7 9

## J A N U A R Y

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
29	30	31				

## F E B R U A R Y

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

## M A R C H

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

## A P R I L

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

## M A Y

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

## J U N E

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

## J U L Y

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## A U G U S T

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

## S E P T E M B E R

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						



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