

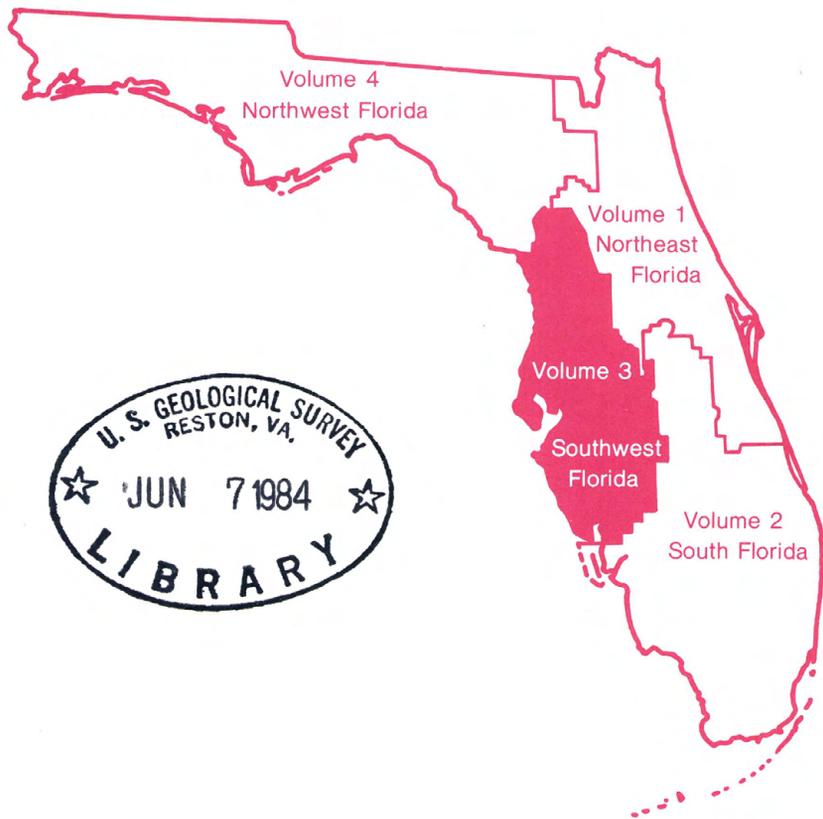
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Water Resources Data Florida Water Year 1982

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Volume 3B. Southwest Florida Ground Water



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT FL-82-3B
Prepared in cooperation with the State of Florida
and with other agencies

CALENDAR FOR WATER YEAR 1982

1981

OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19
18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26
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1982

JANUARY							FEBRUARY							MARCH								
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31																						

APRIL							MAY							JUNE						
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JULY							AUGUST							SEPTEMBER						
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Water Resources Data Florida Water Year 1982

Volume 3B. Southwest Florida Ground Water
by R.T. Mycyk, L.D. Fayard, W.L. Fletcher, and J.K. Ogle



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT FL-82-3B
Prepared in cooperation with the State of Florida
and with other agencies

II

UNITED STATES DEPARTMENT OF THE INTERIOR

William P. Clark, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

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

For additional information write to
District Chief, Water Resources Division
U.S. Geological Survey
227 North Bronough Street, Suite 3015
Tallahassee, Florida 32301

PREFACE

This volume of the annual hydrologic data report of Florida is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface- and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources. Hydrologic data for Florida are contained in 4 volumes:

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

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

Tampa Subdistrict Office

B. A. Bernard	S. E. Henderson	B. D. Ramsey	P. C. Van Metre
S. M. Bothmann	S. L. Lane	J. A. Regar	S. L. Wheeler
G. Bowman	P. A. Metz	J. P. Spears	L. D. Windom
J. A. Calonge	M. B. Molloy	J. M. Todd	J. B. Woolverton
V. T. Coston	R. A. Mularoni	H. J. Tyson	R. W. Wylie
			H. W. Zarbock

Orlando Subdistrict Office

W. Anderson	P. L. Brandt	P. A. Keith	J. A. Robinson
R. A. Bird	L. L. Braley	C. P. Laughlin	D. M. Schiffer
A. L. Bonnet	D. B. Dale	D. E. Laughlin	E. P. Simonds
D. M. Bonnet	H. G. George	S. A. Nordman	J. L. Smoot
L. A. Bradner	D. G. Graddy	M. J. Orr	G. F. Taylor
			T. L. Turner

V. T. Coston typed the text of the report.

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

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16. Abstract (Limit: 200 words) Water resources data for the 1982 water year in Florida consist of continuous or daily discharge for 264 streams, periodic discharge for 41 streams, miscellaneous discharge for 71 streams, continuous or daily stage for 102 streams, periodic stage for 15 streams, peak discharge for 83 streams and peak stage for 8 streams; continuous or daily elevations for 102 lakes, periodic elevations for 111 lakes; continuous ground-water levels for 420 wells, periodic ground-water levels for 587 wells, and miscellaneous water-level measurements for 2,794 wells; quality-of-water data for 327 surface-water sites and 791 wells. The data for southwest Florida include continuous or daily discharge for 72 streams, periodic discharge for 28 streams, miscellaneous discharge for 19 streams, peak discharge for 10 streams, continuous or daily stage for 15 streams and periodic stage for 7 streams; continuous elevations for 42 lakes and periodic elevations for 68 lakes; continuous ground-water levels for 229 wells, periodic ground-water levels for 238 wells, and miscellaneous water-level measurements for 1,211 wells; quality of water for 132 surface-water sites and for 228 wells. These data represent the National Water Data System records collected by the U.S. Geological Survey and cooperating local, state and federal agencies in Florida.			
17. Document Analysis a. Descriptors *Florida, *Hydrologic data, *Surface Water, *Ground Water, *Water Quality, Flow rate, Gaging Stations, Lakes, Reservoirs, Chemical analyses, Sediments, Water temperatures, Sampling sites, Water levels, Water analyses, Elevations, Water wells b. Identifiers/Open-Ended Terms c. COSATI Field/Group			
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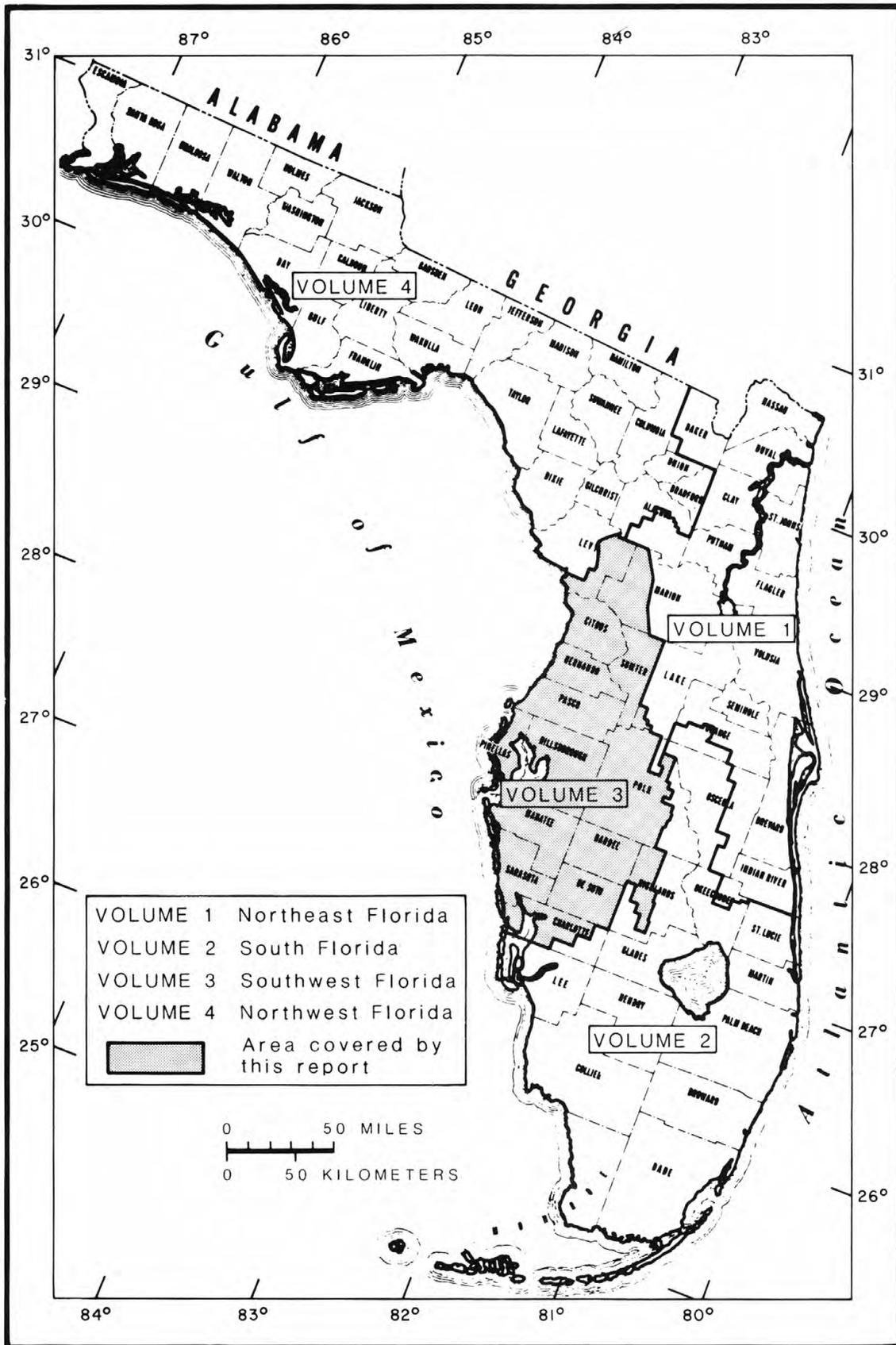


Figure 1. Geographic area covered by this report.

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INTRODUCTION

Water resources data for the 1981 water year for 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, 604 South Pickett St., Alexandria, VA 22304.

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-82-3B". 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 (904) 681-7620.

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 local, state, and federal 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
Southwest Florida Water Management District	City of Clearwater
West Coast Regional Water Supply Authority	Englewood Water District
County of Hillsborough	City of Sarasota
County of Manatee	City of Tampa
County of Pinellas	Corps of Engineers, U.S. Army
County of Sarasota	

DEFINITION OF TERMS

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

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

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

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

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, non-spore-forming, rod-shaped bacteria which ferment lactose with gas formation within 48 hours at 35°C. In the laboratory these bacteria are defined as all the organisms which produce colonies with a golden-green metallic sheen within 24 hours when incubated at 35°C + 1.0°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

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

Fecal streptococcal are bacteria found also in the intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive cocci bacteria which are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms which produce red or pink colonies within 48 hours at 35°C + 1.0°C on KF streptococcus agar (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

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

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

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

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

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

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

Cfs-day is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1.9835 acre-feet, or approximately 646,000 gallons, and represents a runoff of approximately 0.0372 inch from 1 square mile.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of gage height of discharge are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is computed.

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

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

National Geodetic Vertical Datum of 1929 (NGVD) is a geodetic datum arrived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level" in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

Organism is any living entity, such as an insect, phytoplankter, or zooplankter.

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

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meters (m²), acres, or hectares. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

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

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

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

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

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

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

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

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

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

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

Recoverable from bottom material is the amount of a given constituent that is in solution after a representative sample of bottom material has been digested by a method (usually using an acid or mixture of acids) that results in dissolution of only readily soluble substances. Complete dissolution of all bottom material is not achieved by the digestion treatment and thus the determination represents less than the total amount (that is, less than 95 percent) of the constituent in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

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

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

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

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

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

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

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



Figure 2. NASQAN Stations in the State of Florida.

STATION IDENTIFICATION

Downstream order and station number

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

As an added means of identification, each gaging station, partial-record station, and water-quality station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and gaging stations; therefore, the station number for a partial-record station indicates downstream order position in a list made up of both types of stations. Water-quality stations located at or near gaging stations or partial-record stations have the same number as the gaging or partial-record station. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 8-digit number for each station, such as 02335500, which appears just to the left of the station name includes the 2-digit part number "02" plus the 6-digit downstream order number "335500." In this report, the records are listed in downstream order by parts. The part number refers to an area whose boundaries coincide with certain natural drainage lines. All records for a drainage basin encompassing more than one state can be arranged in downstream order by assembling pages from the various state reports by station number to include all records in the basin.

Numbering system for wells and miscellaneous sites

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

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

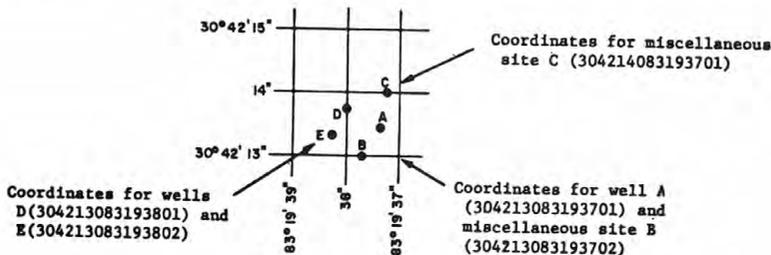


Figure 3. System for numbering wells and miscellaneous sites, (latitude and longitude)

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and computation of data

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

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

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

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

For some gaging stations there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute daily discharge. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, or for various other reasons. For such periods the daily discharges are estimated on the basis of recorded range in stage, adjoining good record, discharge measurements, weather records, and comparison with other station records from the same or nearby basins. Likewise daily contents may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

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

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

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

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

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

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

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

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

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

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

Data collected at partial-record stations follow the information for continuous record sites. Data for partial-record discharge stations are presented in two tables. The first is a table of discharge measurements at low-flow partial-record stations, and the second is a table of annual maximum stage and discharge at crest-stage stations. The tables of partial record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations.

Accuracy of field data and computed results

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

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

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

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

Other data available

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

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

EXPLANATION OF WATER-QUALITY RECORDS

Collection and examination of data

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

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

Water analysis

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

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

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

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly punches beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the district office.

Water temperature

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

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

Sediment

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

Mineral constituents in solution

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

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

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

Constituent or property	Source or cause	Significance
Alkalinity	Caused primarily by bicarbonate, carbonate, and hydroxide. Other weak acid radicals like borate, phosphate, and silicate may contribute to alkalinity.	Ability of water to neutralize strong acid. High alkalinity itself not detrimental but usually associated with high pH, hardness, and dissolved solids which can be detrimental.
Aluminum (Al)	Usually present only in negligible quantities in natural waters except where the waters have been in contact with the more soluble rocks of high aluminum content. Acid waters often contain large amounts.	May be troublesome in feed waters forming scale on boiler tubes. High concentrations usually indicate the presence of acid mine drainage or industrial waste.
Arsenic (As)	Natural arsenic-bearing minerals. Found in some ground waters, in wastes from industry and mining activity, and residues from some insecticides and herbicides.	National Interim Primary Drinking Water Regulations (U.S. Environmental Protection Agency, 1975) give a limit of 50 ug/L for potable waters. Lethal dose for animals is believed to be about 20 milligrams per animal pound. Small concentrations in drinking water can accumulate in man and other animals until lethal dosage is reached.
Bicarbonate (HCO ₃) and Carbonate (CO ₃)	Produced by reaction of atmospheric carbon dioxide with water. Dissolved from carbonate rocks such as limestone and dolomite.	Bicarbonate and carbonate produce alkalinity. Bicarbonates of calcium and magnesium decompose in steam boilers and hot water facilities to precipitate as scale and release corrosive carbon dioxide gas. In combination with calcium and magnesium cause carbonate hardness.

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

Table 1 (con't)

Constituent or property	Source or cause	Significance										
Copper (Cu)	Copper is a fairly common 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 (U.S. Environmental Protection Agency, 1977) recommends that copper should not exceed 1000 ug/L in drinking and culinary water. Copper is essential in trace amounts for plant growth but becomes toxic in large amounts.										
Dissolved Oxygen (DO)	Dissolved in water from air and from oxygen given off in the process of photosynthesis by aquatic plants.	Dissolved oxygen increases the palatability of water. The amount necessary to support fish life varies with species and age, with temperature, and concentration of other constituents in the water. Under average stream conditions, 5 mg/L is usually necessary to maintain a varied fish fauna in good condition. For many industrial uses, zero dissolved oxygen is desirable to inhibit corrosion.										
Dissolved solids	Chiefly mineral constituents dissolve from weathering of rocks and soils.	The National Secondary Drinking Water Regulations (U.S. Environmental Protection Agency, 1977) recommends that the dissolved solids should not exceed 500 mg/L, however, 1,000 mg/L is permitted under certain circumstances. Waters containing more than 1,000 mg/L of dissolved solids are unsuitable for many purposes. The Geological Survey classifies the degree of salinity of these more mineralized bodies of water as follows (Swenson and Baldwin, 1965): <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Dissolved solids (mg/L)</th> <th>Degree of salinity</th> </tr> </thead> <tbody> <tr> <td>Less than 1,000.....</td> <td>Nonsaline.</td> </tr> <tr> <td>1,000 to 3,000.....</td> <td>Slightly saline.</td> </tr> <tr> <td>3,000 to 10,000.....</td> <td>Moderately saline.</td> </tr> <tr> <td>10,000 to 35,000....</td> <td>Very saline.</td> </tr> </tbody> </table>	Dissolved solids (mg/L)	Degree of salinity	Less than 1,000.....	Nonsaline.	1,000 to 3,000.....	Slightly saline.	3,000 to 10,000.....	Moderately saline.	10,000 to 35,000....	Very saline.
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.										
Hardness (as CaCO ₃)	In most waters nearly all the hardness is due to calcium and magnesium. All of the metallic cations other than the alkali metals also cause hardness.	Consumes soap before a lather will form. Deposits soap curd on bathtubs. Hard water forms scale in boilers, water heaters, and pipes. Hardness equivalent to the bicarbonate and carbonate is called carbonate hardness. Any hardness in excess of this is called non-carbonate hardness.										

Table 1 (con't)

Constituent or property	Source or cause	Significance
Iron (Fe)	Iron is dissolved from many rocks and soils. On exposure to air, normal basic waters that contain more than 1 mg/L of iron soon become turbid with the insoluble reddish ferric compounds produced by oxidation. Surface waters, therefore, seldom contain as much as 1 mg/L of dissolved iron, although some acid waters carry large quantities of iron in solution.	On exposure to air, iron in ground water oxidizes to reddish-brown sediment. More than about 300 ug/L may stain laundry and utensils reddish-brown. Objectionable for food processing, textile processing, beverages, ice manufacture, brewing and other processes. Proposed National Secondary Drinking Water Resulations (U.S. Environmental Protection Agency, 1977) for esthetic reasons, recommend that iron should not exceed 300 ug/L. Larger quantities cause unpleasant taste and favor growth of bacteria.
Lead (Pb)	Lead seldom occurs in most natural waters, but industrial mine and smelter effluents may contain relatively large amounts of lead which contaminates the streams. Also, atmospheric contamination which is produced from several types of engine exhausts has considerably increased the availability of this element for solution in rainfall, resulting in contamination of lead in streams (Hem, 1970). Lead in the form of sulfate is reported to be soluble in water to the extent of 31 mg/L (Seidell, 1940) at 25C. In natural water this concentration would not be approached however, since a pH of less than 4.5 would probably be required to prevent formation of lead hydroxide and carbonate. It is reported (Pleissner, 1907) that at 18°C water free of carbon dioxide will dissolve the equivalent of 1.4 mg/L of lead and the solubility is increased nearly four fold by the presence of 2.8 mg/L of carbon dioxide in the solution. Presence of other ions may increase the solubility of lead.	National Interim Primary Drinking Water Regulations, (U.S. Environmental protection Agency, 1975), state that lead shall not exceed 50 ug/L in drinking and culinary water on carriers subject to Federal quarantine regulations. Maximum safe concentrations for animal watering is reported to be 500 ug/L. Toxicity of lead to fish decreases with increasing water hardness.
Manganese (Mn)	Dissolved from some rocks and soils. Not as common as iron. Large quantities often associated with high iron content and with acid waters.	Same objectionable features as iron. Causes dark brown or black stain. The National Secondary Drinking Water Regulations (U.S. Environmental Protection Agency, 1977) recommends that manganese not exceed 0.05 mg/L.
Nickel (Ni)	Chiefly from metal plating works, manufacturing of ceramic colors, and inks.	Presence of nickel in water may suggest pollution. Federal drinking water standards do not place a limit on nickel. In the Soviet Union the maximum permissible concentration is 1.0 mg/L, (Kirkor, 1951).
Nitrogen, Ammonia (N)	Includes nitrogen in the form of NH ₃ and NH ₄ ⁺ . Found in many waters but usually only in trace amounts. Waters from hot springs may contain high concentrations. Found also in waters polluted with sewage and other organic waste.	Usually indicates organic pollution. Toxicity to fish is dependent on the pH of the water; 2.5 mg/L ammonia nitrogen can be harmful in the 7.4 to 8.5 pH range (Ellis, M.M., 1931). Ammonium salts are destructive to concrete made from portland cement.

Table 1 (con't)

Constituent or property	Source or cause	Significance
Nitrogen, Organic (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.
Nitrogen, Nitrate (N)	Decaying organic matter, sewage, fertilizers, and nitrates in soil.	Concentrations much greater than the local average may suggest pollution. The National Interim Primary Drinking Water Regulations (U.S. Environmental Protection Agency, 1975) have established a 10 mg/L maximum contamination level. More than about 10 mg/L of nitrate (N) may cause a type of methemoglobinemia in infants, sometimes fatal. Water of high nitrate content should not be used in baby feeding (Maxcy, K.F., 1950). Nitrate has shown to be helpful in reducing intercrystalline cracking of boiler steel. It encourages growth of algae and other organisms which produce undesirable tastes and odors.
Nitrogen, Nitrite (N)	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
Nitrogen, Total Kjeldahl (N)	Includes ammonia nitrogen and organic nitrogen.	See organic and ammonia nitrogen.
Nitrogen, total (N)	All forms of nitrogen - inorganic and organic.	See ammonia nitrogen, nitrite, nitrate, and organic.
pH Hydrogen ion concentration	Hydrogen ions derived from ionization of weak and strong acids. Hydrogen ion concentration is expressed in terms of pH where $pH = \log(H^+)$. Acid generating salts and dissolved gases such as SO ₂ and CO ₂ increases the number of hydrogen ions. Carbonates, bicarbonates, hydroxides, phosphates, silicates, and borates reduce the number of hydrogen ions.	pH ranges between 0 and 14. A pH of 7.0 indicates 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 (U.S. Environmental Protection Agency, 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.
Sulfate (SO ₄)	Dissolved from rocks and soils containing gypsum, iron sulfides, and other sulfur compounds. Usually present in mine waters and in some industrial waters.	Sulfate in water containing calcium forms hard scale in steam boilers. In large amounts, sulfate in combination with other ions gives bitter taste to water. Some calcium sulfate is considered beneficial in the brewing process. The National Secondary Drinking Water Regulations (U.S. Environmental Protection Agency, 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 (U.S. Environmental Protection Agency, 1975) has established a maximum contaminant level as a monthly average of one nephelometric turbidity unit (NTU) (or 5 turbidity units (NTU) with state approval, provided it does not interfere with disinfection, maintenance of chlorine residual, or bacteriological testing). Interferes with light penetration and limits growth of organisms. Also directly lethal to some life forms.
Zinc (Zn)	Dissolved from some rocks and soils. Found in high concentrations in some mine waters 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.	High concentrations may be toxic to aquatic plants and animals. Zinc may have such a toxic action on purifying bacterial flora of streams as to present serious sewage pollution problems. The National Secondary Drinking Water Regulations (U.S. Environmental Protection Agency, 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 during the 1982 water year in west-central Florida varied from eight inches to four inches below normal for the period October to September. The rainfall varied from six inches above to four inches below from October to May. The summer rains were moderate to heavy causing the months of June, July, August, and September to be above normal in rainfall. The rainfall for the year averaged above nine inches above normal. Total rainfall for the year was about two inches below normal at St. Petersburg, and three to nine inches above normal at Bradenton, Punta Gorda, Arcadia, Tampa, and Lakeland and twenty to twenty-seven inches above normal at Brooksville and Inverness.

Streamflow during the 1982 water year ranged from the record highest monthly mean discharge to the record lowest monthly mean discharge. In the Hillsborough River basin, flow remained near the lowest monthly mean discharge for the period of record from October to January. Rain showers from February to May caused the flow to rise slightly above the lowest monthly mean discharge for the period of record. Heavy rain showers from June to September caused the flow to rise near the monthly median discharge. For the Peace River basin, streamflow was near the lowest monthly mean discharge for the period of record in October and January then rose slightly above the lowest monthly mean discharge during the months of November and December. Rains caused the flow to rise during February and reach monthly median discharge in May. Heavy rains caused the flow to rise to a record high monthly mean discharge in June, then the flow receded to the monthly median discharge during July and August and remained near monthly median discharge at the end of September.

Streamflow for Withlacoochee River near Trilby for October and November receded to near the lowest monthly mean discharge. Rain showers caused the flow to rise in December and reached the monthly median discharge in January and remained there through April. Flow during May receded to near the lowest monthly mean discharge. Heavy rain showers in June caused the flow to rise to monthly median discharge and remained there through the end of September.

Streamflow for Withlacoochee River near Holder was below the record lowest monthly mean discharge from October to December but rose slightly above the lowest monthly mean discharge by the end of January. Rain showers in February caused the flow to rise to the monthly median discharge in March and remain there through May. Heavy rain showers in June caused the flow to rise above the monthly median discharge and remained there through September.

Lake elevations were slightly below average for the entire year. Water levels for Lake Carroll in Hillsborough River basin were below average from October to May but rose to the average month end elevation by the end of May. The water levels rose above the average month end elevations during June, July, August, and declined to average month end elevations by the end of September. Water levels of Lake Howard in the upper Peace River basin were well below average from October to May but rose slightly above the average month end elevation in June and remained there through the end of September.

Ground-water levels of the Floridan and surficial aquifers were below mid-range of water levels through May but rose to near the highest month-end water levels for the period of record by the end of the water year. Floridan aquifer water levels in De Soto, Hillsborough, Hardee, Hernando, Pasco, and Polk Counties remained below mid-range levels during the period October to May. Rain showers in June caused water levels to rise to mid-range during July and continued to rise to near the highest water levels of record by the end of September.

The flows of Lithia Springs in Hillsborough County, Weekiwachee Springs in Hernando County, and Rainbow Springs in Marion County were about equal to the long-term averages.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

Thirty-seven 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, 604 South Pickett St., Alexandria, VA 22304 (authorized agent of the Superintendent of Documents, Government Printing Office).

- 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-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.
 - 2-D1. *Application of surface geophysics to ground-water investigations*, by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.
 - 2-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.
 - 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.
 - 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.
 - 3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.
 - 3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 pages.
 - 3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages.
 - 3-A6. *General procedure for gaging streams*, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.
 - 3-A7. *Stage measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.
 - 3-A8. *Discharge measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages.
 - 3-A9. *Measurement of time of travel and dispersion in streams by dye tracing*, by E. F. Hubbard, F. A. Kilpatrick, L. A. Martens, and J. F. Wilson, Jr.: USGS--TWRI Book 3, Chapter A9. 1982. 44 pages.
 - 3-A11. *Measurement of discharge by moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.
 - 3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.
 - 3-B2. *Introduction to ground-water hydraulics, a programed text for self-instruction*, by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.
 - 3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.
 - 3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.
 - 3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.
 - 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.
 - 4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.
 - 4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.
 - 4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.
 - 4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.
 - 4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.
 - 4-D1. *Computation of rate and volume of stream depletion by wells*, by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.
 - 5-A1. *Methods for determination of inorganic substances in water and fluvial sediments*, by M. W. Skougstad and others, editors: USGS--TWRI Book 5, Chapter A1. 1979. 626 pages.
 - 5-A2. *Determination of minor elements in water by emission spectroscopy*, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages.
 - 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.
 - 5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples*, edited by P. E. Greeson, T. A. Ehlike, G. A. Irwin, B. W. Lium, and K. V. Slack: USGS--TWRI Book 5, Chapter A4. 1977. 332 pages.
 - 5-A5. *Methods for determination of radioactive substances in water and fluvial sediments*, by L. L. Thatcher, V. J. Janzer, and K. W. Edwards: USGS--TWRI Book 5, Chapter A5. 1977. 95 pages.
 - 5-C1. *Laboratory theory and methods for sediment analysis*, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.
 - 7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments*, by P. C. Trescott, G. F. Pinder, and S. P. Larson: USGS--TWRI Book 7, Chapter C1. 1976. 116 pages.
 - 7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.
 - 7-C3. *A model for simulation of flow in singular and interconnected channels*, by R. W. Schaffranek, R. A. Baltzer, and D. E. Goldberg: USGS--TWRI Book 7, Chapter C3. 1981. 110 pages.
 - 8-A1. *Methods of measuring water levels in deep wells*, by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages.
 - 8-B2. *Calibration and maintenance of vertical-axis type current meters*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

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WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

WATER RESOURCES DATA FOR FLORIDA, 1982
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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

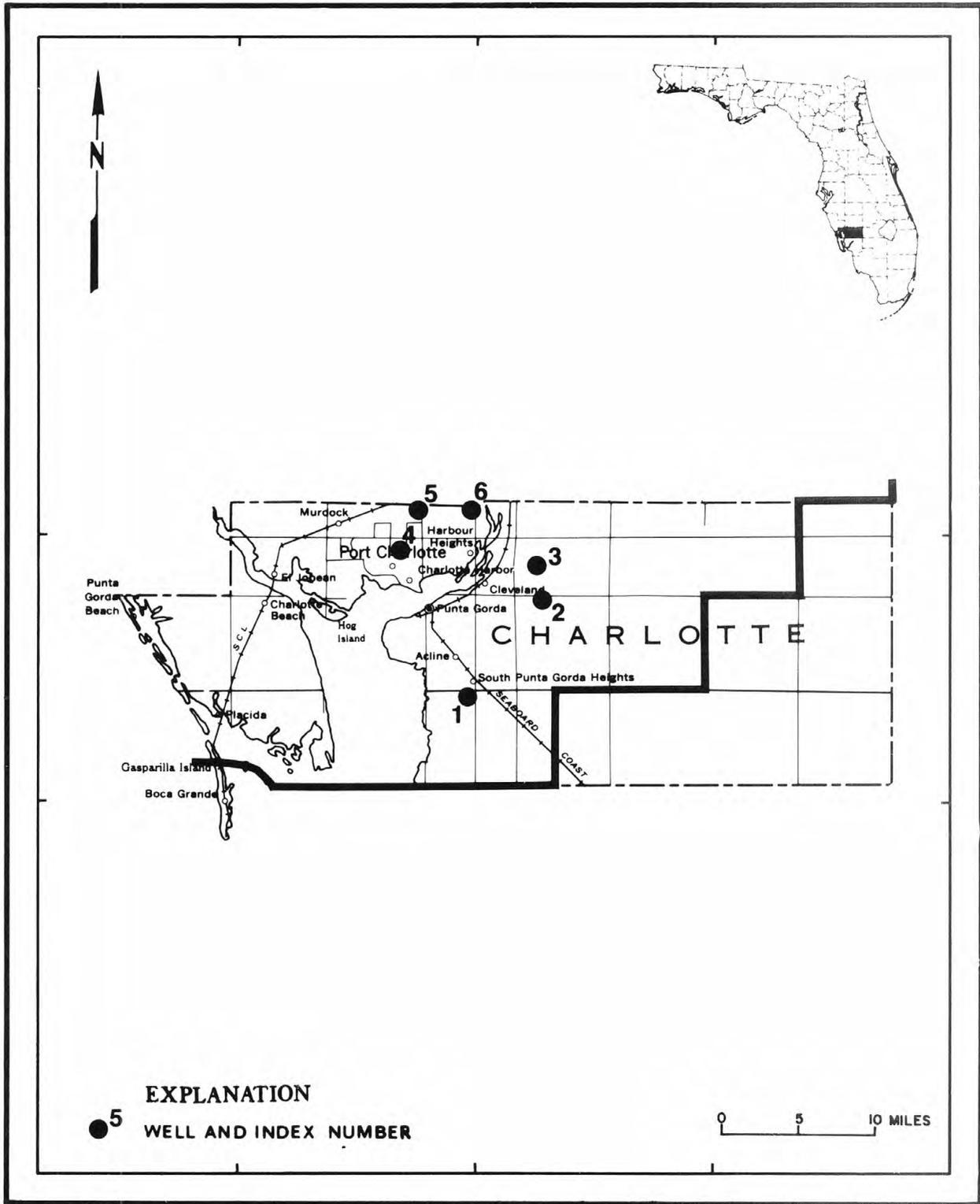


Figure 4. Location of wells in Charlotte County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CHARLOTTE COUNTY

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

LOCATION.--Lat 26°51'38", long 82°00'22", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.31	3.10	4.46	3.19	3.92	5.62	6.43	4.03	6.25	2.38	11.53	11.70
10	2.00	4.33	2.88	2.15	3.00	8.43	3.18	-1.00	2.78	7.59	11.59	11.93
15	3.85	6.88	5.72	1.76	1.35	6.55	3.65	-2.99	-0.23	9.43	11.58	12.19
20	2.10	5.00	5.46	2.39	6.74	2.51	4.84	-2.17	5.13	10.45	11.99	12.10
25	1.16	4.28	6.22	3.97	8.29	3.71	1.35	-2.88	8.04	11.00	12.01	12.45
EOM	.00	6.48	5.56	1.94	4.20	6.36	5.59	2.56	4.39	11.33	11.81	12.50
MEAN	2.08	4.89	5.21	2.66	4.12	5.13	4.66	-0.63	4.47	8.39	11.74	12.11
MAX	4.31	7.03	6.79	4.43	8.29	8.43	8.08	4.19	8.69	11.33	12.01	12.56
MIN	-0.77	-0.40	2.48	.74	-0.04	2.20	1.35	-4.05	-0.23	2.38	11.38	11.67
WTR YR 1982	MEAN	5.40	MAX	12.56	SEP 26	MIN	-4.05	MAY 24				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT 07...	0915	23.10	MAY 11...	0816	20.66
DEC 15...	0800	22.02	JUN 08...	0645	22.10
FEB 02...	1745	21.49	AUG 03...	1549	23.47
APR 06...	0600	22.22	SEP 14...	0950	23.15

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT 07...	0920	15.83	MAY 11...	0812	14.33
DEC 15...	0805	14.31	JUN 08...	0700	15.45
FEB 02...	1750	12.22	AUG 03...	1550	14.44
APR 06...	0610	15.09	SEP 14...	0952	16.67

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CHARLOTTE COUNTY

WELL NUMBER.--265837081561101. ROMP 11 Deep 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), incomplete. Records prior to October 1976 are available in files of the Geological Survey. Prior to October 1979, published as Shell Creek Benchmark Well near Punta Gorda.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 43.14 ft (13.15 m) NGVD, Sept. 6, 1978; lowest measured, 31.12 ft (9.49 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
07...	1300	38.06	05...	1630	36.90
NOV			MAY		
03...	0825	37.59	10...	1330	38.06
DEC			JUN		
14...	1605	36.90	09...	0700	38.06
JAN			JUL		
06...	1530	36.90	08...	1000	38.06
FEB			AUG		
01...	1730	36.90	02...	1330	39.21
MAR			SEP		
01...	1433	36.99	14...	0935	36.90

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 Sestina 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
08...	0758	11.41	10...	1153	8.77
DEC			JUN		
14...	1400	9.90	09...	1025	10.44
FEB			AUG		
01...	1115	9.50	02...	1750	11.67
APR			SEP		
05...	1451	8.12	13...	1800	11.72

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 43.09 ft (13.13 m) NGVD, Feb. 4, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
08...	0817	47.48	10...	1136	46.32
DEC			JUN		
14...	1355	45.86	09...	1030	46.32
FEB			AUG		
01...	1100	46.32	02...	1735	47.48
APR			SEP		
05...	1438	46.32	13...	1745	47.48

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 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 NRSB.

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, 16.85 ft (5.14 m) NGVD, May 20, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
08...	0823	21.21	10...	1129	19.18
DEC			JUN		
14...	1400	19.28	09...	1040	20.38
FEB			AUG		
01...	1055	18.75	02...	1730	21.25
APR			SEP		
05...	1415	19.14	13...	1746	21.09

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CHARLOTTE COUNTY

WELL NUMBER.--270152082002801. ROMP 10 Oligocene 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.--Limestone aquifer of Oligocene Age, 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). Prior to October 1979, published as Deep Creek Well Number 917 near Port Charlotte.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.11 ft (18.93 m) NGVD, Sept. 6, 28, 1978; lowest measured, 51.48 ft (15.69 m) NGVD, Sept. 13, 1982.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
08...	0900	59.11	05...	1400	54.48
NOV			MAY		
02...	1444	56.80	10...	1106	57.95
DEC			JUN		
14...	1235	56.80	09...	1130	57.95
JAN			JUL		
06...	1423	52.18	07...	1355	57.03
FEB			AUG		
01...	0930	57.49	02...	1605	52.18
MAR			SEP		
01...	1210	57.95	13...	1715	51.48

WELL NUMBER.--270152082002802. ROMP 10 Limestone 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.--Limestone aquifer of 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). Prior to October 1979, published as Deep Creek Well Number 575 near Port Charlotte.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.35 ft (19.31 m) NGVD, Sept. 6, Oct. 3, 1978; lowest measured, 56.19 ft (17.13 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
08...	0910	60.12	05...	1330	59.65
NOV			MAY		
02...	1434	58.96	10...	1109	60.12
DEC			JUN		
14...	1238	58.50	09...	1140	59.65
JAN			JUL		
06...	1430	58.50	07...	1415	60.12
FEB			AUG		
01...	0945	58.50	02...	1640	60.12
MAR			SEP		
01...	1200	59.19	13...	1710	58.96

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CHARLOTTE COUNTY

WELL NUMBER.--270152082002803. ROMP 10 Hawthorn 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.--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). Prior to October 1979, published as Deep Creek Well Number 270 near Port Charlotte.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.21 ft (12.26 m) NGVD, Sept. 6, 1978; lowest measured, 31.43 ft (9.58 m) NGVD, June 5, July 1, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
08...	0915	36.05	05...	1343	31.90
NOV			MAY		
02...	1455	33.05	10...	1110	35.36
DEC			JUN		
14...	1242	34.90	09...	1155	33.05
JAN			JUL		
06...	1440	31.90	07...	1430	34.21
FEB			AUG		
01...	0950	34.21	02...	1620	34.21
MAR			SEP		
01...	1156	33.05	13...	1712	35.36

WELL NUMBER.--270152082002804. ROMP 10 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 to September 1977 (bimonthly); October 1977 to current year (monthly). Prior to October 1979, published as Deep Creek Water Table Well near Port Charlotte.

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
08...	0921	16.75	05...	1255	16.07
NOV			MAY		
02...	1426	15.96	10...	1113	15.58
DEC			JUN		
14...	1246	15.48	09...	1110	16.56
JAN			JUL		
06...	1450	15.22	07...	1349	17.38
FEB			AUG		
01...	0950	15.21	02...	1545	17.07
MAR			SEP		
01...	1212	15.65	13...	1721	16.73

WATER RESOURCES DATA FOR FLORIDA, 1982
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KEY TO SITE LOCATIONS ON FIGURE 5

CITRUS COUNTY

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4	284532082371001	34
5	284547082361201	35
6	284551082345301	35
7	284705082270101	36
8	284803082351701	36
12	285020082365301	37
13	285102082204001	37
14	285102082361001	38
14	285112082354401	38
15	285124082245601	39
16	285234082341901	39
16	285254082323001	40
17	285414082284201	40
18	285421082361601	41
18	285421082361602	41
19	285608082233401	42
20	285720082201301	42
21	285737082400601	43
22	285737082413001	43

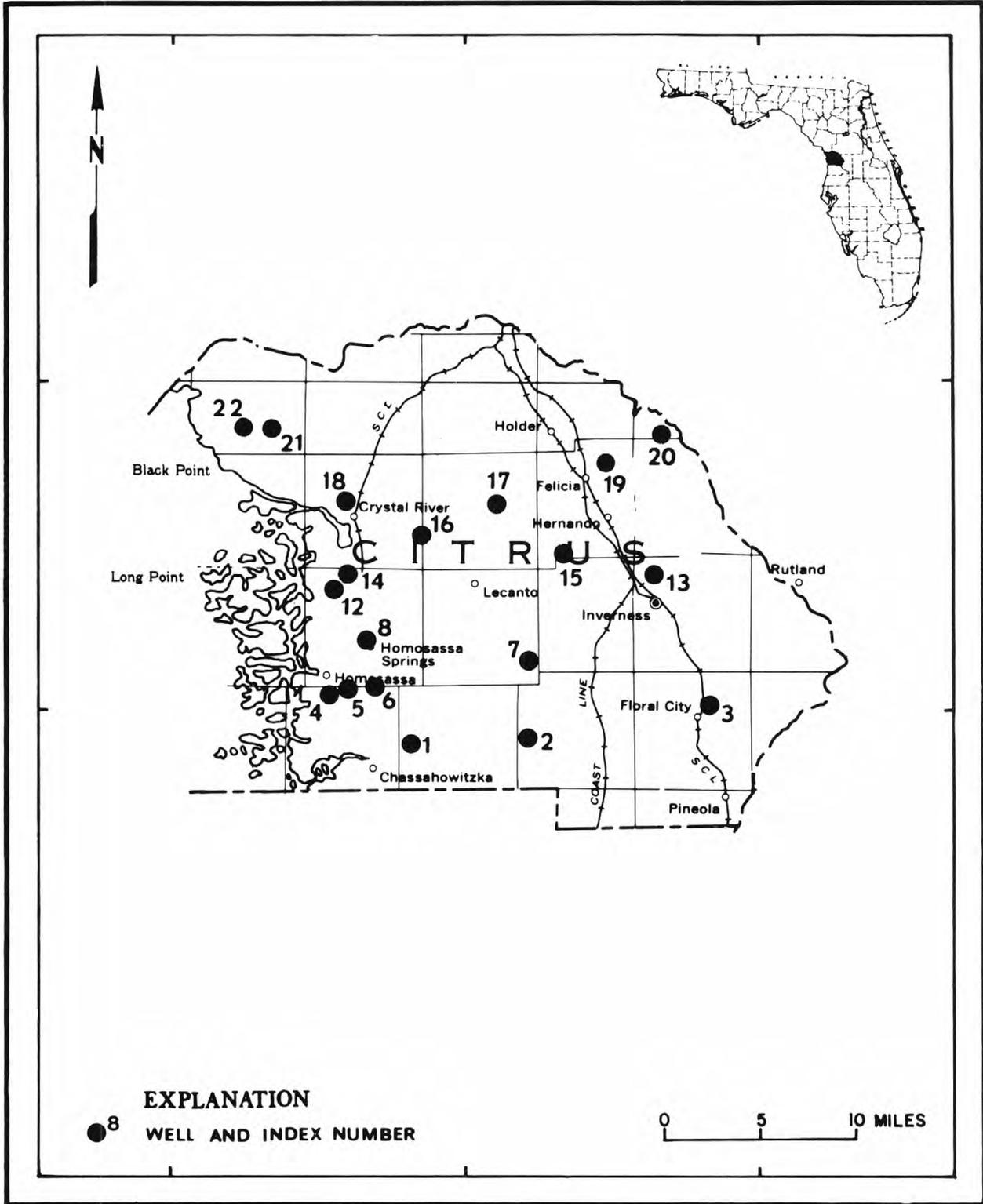


Figure 5. Location of wells in Citrus County

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, 9.49 ft (2.89 m) NGVD, Sept. 26, 1982; lowest, 5.31 ft (1.62 m) NGVD, June 20, 1968, May 10, 1976, July 12, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.06	5.89	5.91	5.90	5.68	5.93	6.43	6.29	6.55	8.60	8.74	9.10
10	6.04	5.92	5.79	5.83	5.68	6.27	6.42	6.27	6.47	8.90	8.70	9.30
15	5.84	5.88	5.89	6.00	5.77	6.25	6.48	6.16	6.55	9.00	8.79	9.20
20	5.82	5.99	5.63	5.87	5.88	6.20	6.33	6.00	6.90	8.93	9.00	9.14
25	5.93	5.89	5.65	5.76	5.83	6.32	6.52	6.22	7.50	8.80	9.10	9.40
EOM	5.79	5.84	5.88	5.69	5.82	6.43	6.45	6.35	8.10	8.72	9.20	9.32
MEAN	5.96	5.87	5.79	5.84	5.78	6.20	6.44	6.22	6.88	8.78	8.91	9.26
MAX	6.19	6.04	5.98	6.05	5.94	6.43	6.58	6.40	8.10	9.00	9.20	9.49
MIN	5.79	5.71	5.59	5.64	5.62	5.70	6.29	6.00	6.39	8.20	8.70	9.10
WTR YR 1982	MEAN	6.83	MAX	9.49	SEP 26	MIN	5.59	DEC 22				

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) southeast 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, 9.30 ft (2.83 m) NGVD, Sept. 14, 1982; lowest measured, 5.34 ft (1.63 m) NGVD, May 12, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
09...	1212	5.83	12...	1128	6.28
JAN			JUL		
07...	1537	5.91	08...	1215	8.90
MAR			SEP		
04...	1305	5.88	14...	1500	9.30
MAY					
06...	1340	6.32			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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; 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 09...	1100	7.45	MAY 12...	1428	8.28
JAN 08...	1026	7.25	JUL 09...	1053	11.95
MAR 05...	1110	7.18	SEP 14...	1215	13.02

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 NRSB.

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; 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 09...	1105	7.48	MAY 12...	1425	8.24
JAN 08...	1023	7.26	JUL 09...	1050	11.94
MAR 05...	1105	7.20	SEP 14...	1217	13.06

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, 29.65 ft (9.04 m) NGVD, Dec. 17, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
NOV			MAY		
09...	1710	29.86	13...	1445	33.63
DEC			JUN		
17...	1320	29.65	24...	1210	36.41
FEB			AUG		
08...	1100	31.90	24...	1130	39.63
APR			SEP		
15...	1123	30.69	15...	1625	39.99

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CITRUS COUNTY

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; 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, 2.40 ft (0.73 m) NGVD, Sept. 14, 1982; lowest measured, 0.24 ft (0.07 m) NGVD, Jan. 9, 1968.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (72020)
NOV			MAY		
05...	0935	0.94	12...	1209	0.84
JAN			JUL		
07...	1315	1.15	08...	1420	1.33
MAR			SEP		
04...	1500	1.05	07...	1325	1.08
MAY			14...	1450	2.40
07...	1550	0.94			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CITRUS COUNTY

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

LOCATION.--Lat 28°45'47", long 82°36'12", in SE¼ 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, 2.75 ft (0.84 m) NGVD, Sept. 14, 1982; lowest measured, 1.03 ft (0.31 m) NGVD, May 6, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			AUG		
05...	0850	1.33	04...	1330	2.62
JAN			SEP		
07...	1230	1.65	07...	1245	2.65
MAR			14...	1453	2.75
05...	1640	1.60			

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

LOCATION.--Lat 28°45'51", long 82°34'53", in NW¼ 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, 5.02 ft (1.53 m) NGVD, July 8, 1982; lowest measured, 2.75 ft (0.84 m) NGVD, May 16, 1979.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
09...	1150	3.47	12...	1146	3.45
JAN			JUL		
07...	1420	3.70	08...	1245	5.02
MAR			SEP		
04...	1335	3.40	07...	1146	4.94
MAY			14...	1445	4.73
07...	1800	3.56			

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 SW¼NW¼ 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; 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, 12.96 ft (3.95 m) NGVD, Sept. 14, 1982; lowest measured, 4.89 ft (1.49 m) NGVD, May 17, 1967.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 09...	1115	6.94	MAY 12...	1410	7.61
JAN 08...	1040	6.74	JUL 09...	1105	11.18
MAR 05...	1115	6.66	SEP 14...	1225	12.96

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

LOCATION.--Lat 28°48'03", long 82°35'17", in NW¼NE¼ 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 town of Homosassa Springs.

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, 0.60 ft (0.18 m) NGVD, May 7, 1982.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 05...	1045	1.67	MAY 12...	1224	1.49
JAN 07...	1145	1.44	JUL 08...	1350	2.11
MAR 04...	1440	1.54	SEP 07...	1420	2.18
MAY 07...	1618	0.60	MAY 14...	1435	2.07

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CITRUS COUNTY

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; 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1205	1.21	12...	1305	0.68
JAN			JUL		
07...	1050	1.78	12...	1610	1.72
MAR			SEP		
04...	1705	0.81	07...	1550	1.44
MAY			14...	1420	1.79
07...	1530	0.84			

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, 1.99 ft (0.61 m), revised, 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, 37.52 ft (11.44 m) NGVD, Sept. 30, 1982; lowest, 26.76 ft (8.16 m) NGVD, July 5, 1962.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	28.15	27.76	27.27	27.00	27.02	27.02	28.30	28.67	29.35	---	---	36.23
10	28.08	27.68	27.28	27.00	27.02	27.32	28.32	28.67	29.44	---	---	36.66
15	27.95	27.59	27.28	26.99	26.95	27.65	28.44	28.60	29.47	---	---	36.95
20	27.78	27.56	27.02	27.08	27.04	27.81	28.54	28.59	29.49	---	---	36.96
25	27.83	27.43	27.08	27.14	26.96	27.94	28.70	28.59	31.60	---	---	37.30
EOM	27.69	27.43	27.10	27.15	26.97	28.02	28.68	28.89	32.84	---	36.30	37.52
MAX	28.34	27.76	27.42	27.25	27.11	28.02	28.70	28.89	32.84	32.93	36.36	37.52
WTR YR 1982	MEAN	29.01	MAX	37.52	SEP 30	MIN	26.90	FEB 14				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CITRUS COUNTY

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

LOCATION.--Lat 28°51'02", long 82°36'10", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ 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; 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 05...	1140	2.05	MAY 12...	1310	1.61
JAN 07...	1040	1.54	JUL 12...	1552	2.96
MAR 04...	1635	1.63	SEP 07...	1530	2.72
MAY 07...	1552	2.06		1415	2.96

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

LOCATION.--Lat 28°51'12", long 82°35'44", in NE $\frac{1}{4}$ SW $\frac{1}{4}$ 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 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 3.46 ft (1.05 m) NGVD, Sept. 22, 1982; lowest, 0.40 ft (0.12 m) estimated, NGVD, Dec. 20, 29, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.11	1.52	1.04	1.00	1.22	1.65	1.60	1.00	2.05	2.66	2.61	2.64
10	1.37	1.70	.79	1.47	1.49	1.36	.90	1.46	1.71	2.70	2.48	2.87
15	.81	1.59	1.29	1.47	1.12	1.51	1.10	1.24	1.60	2.57	2.67	2.75
20	.96	1.77	.40	1.23	1.35	1.30	1.10	1.21	2.69	2.99	2.87	2.81
25	1.55	1.58	1.20	1.19	1.46	1.70	2.00	1.73	2.90	2.63	2.58	3.04
EOM	.84	1.50	.70	1.54	1.44	1.40	.70	1.79	2.61	2.56	2.27	2.82
MEAN	1.23	1.49	1.00	1.23	1.34	1.40	1.34	1.49	2.24	2.67	2.65	2.83
MAX	1.71	2.00	1.92	2.14	1.70	2.26	2.20	1.90	3.11	2.99	3.13	3.46
MIN	.73	.67	.40	.50	1.07	.40	.60	1.00	1.60	2.48	2.27	2.40
WTR YR 1982	MEAN	1.74	MAX	3.46	SEP 22	MIN	.40	DEC 20	AND OTHERS			

NOTE.--Record estimated Dec. 20 to Jan. 6, Mar. 19 to May 6, July 8-11.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CITRUS COUNTY

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), cased to 50.5 ft (15.4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 4.01 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 September 1980, October 1980 to current year. Records of water levels prior to October 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 12.36 ft (3.77 m) NGVD, Sept. 30, 1982; lowest, 5.75 ft (1.75 m) NGVD, Feb. 11, 16, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.30	6.06	6.11	5.92	5.80	5.80	6.32	6.60	6.78	9.35	11.30	11.57
10	6.23	6.08	6.04	5.90	5.78	5.94	6.40	6.61	6.92	9.89	11.40	11.62
15	6.18	6.10	5.99	5.89	5.76	5.99	6.47	6.59	6.98	10.39	11.47	11.81
20	6.13	6.15	5.97	5.92	5.80	6.04	6.51	6.56	7.24	10.69	11.52	11.95
25	6.12	6.15	5.89	5.90	5.82	6.09	6.51	6.56	7.92	10.94	11.61	12.16
EOM	6.15	6.11	5.94	5.84	5.81	6.18	6.61	6.63	8.69	11.19	11.62	12.36
MAX	6.31	6.18	6.11	5.93	5.82	6.18	6.61	6.63	8.69	11.19	11.63	12.36
WTR YR 1982	MEAN	7.50	MAX	12.36	SEP 30	MIN	5.75	FEB 11	AND OTHERS			

WELL NUMBER.--285234082341901. ROMP TR 21-3 Deep Well 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 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.03 ft (1.53 m) NGVD, June 11, 1982; lowest, 1.73 ft (0.53 m) NGVD, Dec. 20, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.38	2.64	2.03	2.48	2.37	2.69	2.86	2.47	2.81	3.95	4.02	4.03
10	2.66	2.84	2.57	2.61	2.70	2.53	2.51	2.67	4.40	4.15	3.84	4.33
15	2.12	2.77	3.07	2.38	2.30	2.74	2.62	3.07	4.37	4.11	4.07	4.32
20	2.18	2.92	1.73	2.33	2.51	2.56	2.59	2.94	4.55	4.43	4.23	4.36
25	2.76	2.72	2.51	2.36	2.65	2.89	3.09	3.08	4.56	3.98	3.95	4.49
EOM	2.04	2.67	2.42	2.73	2.62	2.80	2.44	2.80	4.27	3.93	3.68	4.34
MEAN	2.47	2.66	2.50	2.46	2.50	2.66	2.76	2.81	4.09	4.10	4.03	4.30
MAX	2.90	3.15	3.07	3.29	2.87	3.40	3.31	3.19	5.03	4.43	4.47	4.86
MIN	2.02	1.90	1.73	1.83	2.21	2.19	2.32	2.47	2.68	3.87	3.68	3.88
WTR YR 1982	MEAN	3.11	MAX	5.03	JUN 11	MIN	1.73	DEC 20				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CITRUS COUNTY

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, 7.62 ft (2.32 m) NGVD, July 9, 1982; lowest measured, 2.43 ft (0.74 m) NGVD, May 7, 1968.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1535	2.70	12...	1356	2.93
JAN			JUL		
08...	1110	2.61	09...	1223	7.62
MAR			SEP		
05...	1140	2.66	14...	1245	5.87

WELL NUMBER.--285414082284201. Local Number Citrus 854-228-01. 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.

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, 7.94 ft (2.42 m) NGVD, Sept. 26, 1982; lowest 3.40 ft (1.04 m) NGVD, Mar. 25, 1976.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.79	---	3.76	3.70	3.62	3.67	4.09	3.97	4.56	6.57	7.08	7.01
10	3.77	3.75	3.66	3.67	3.60	3.79	4.10	4.09	4.52	6.95	7.06	7.37
15	3.59	3.74	3.74	3.87	3.49	3.83	4.08	4.04	4.55	7.10	7.11	7.49
20	3.66	3.94	3.49	3.68	3.64	3.85	3.97	3.92	---	7.12	7.20	7.53
25	---	3.82	3.56	3.66	3.65	3.96	4.04	4.11	6.02	7.13	7.19	7.92
EOM	---	3.76	3.64	3.61	3.68	3.96	4.17	4.26	6.39	7.09	7.02	7.89
MAX	3.86	3.94	3.84	3.87	3.75	3.98	4.23	4.26	6.39	7.15	7.20	7.94
WTR YR 1982	MEAN	4.80	MAX	7.94	SEP 26	MIN	3.44	DEC 21				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 0.42 ft (0.13 m) NGVD, Jan. 6, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1355	1.05	12...	1345	0.73
JAN			JUL		
08...	1247	0.88	12...	1350	1.44
MAR			SEP		
05...	1215	0.98	03...	1327	1.00
MAY			14...	1320	1.43
07...	1148	0.65			

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 recorder shelter floor, 2.94 ft (0.90 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; July 10, 1979, to Sept. 16, 1982, top of male adaptor, 2.81 ft (0.86 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.

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.03	1.62	.47	1.01	1.15	1.49	1.64	.99	1.85	2.14	1.70	1.60
10	1.60	1.78	1.53	1.36	1.83	1.00	.86	1.43	1.49	2.29	1.40	1.80
15	.75	1.78	2.31	.58	1.06	1.50	1.09	.98	1.25	1.55	1.40	2.00
20	.79	1.90	.15	.87	1.32	1.27	1.18	1.28	2.29	2.40	1.70	2.35
25	1.80	1.63	1.46	1.07	1.67	1.76	2.01	1.91	2.50	1.90	1.40	2.13
EOM	.53	1.62	1.24	1.90	1.55	1.43	.77	1.41	2.14	1.80	1.20	2.02
MEAN	1.26	1.55	1.39	1.22	1.37	1.34	1.37	1.37	1.95	2.06	1.57	1.93
MAX	2.05	2.35	2.31	2.53	1.90	2.44	2.27	1.91	3.14	2.40	2.00	2.77
MIN	.49	.41	.15	.26	.86	.40	.62	.91	1.25	1.55	1.20	1.20
WTR YR 1982	MEAN	1.53	MAX	3.14	JUN 18	MIN	.15	DEC 20				

NOTE.--Record estimated July 16 to Sept. 15.

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, 12.04 ft (3.67 m) NGVD, Apr. 13, 1982.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
NOV			MAY		
09...	1230	17.42	13...	1125	17.48
DEC			JUN		
14...	1307	16.95	23...	1015	20.31
FEB			AUG		
10...	1345	14.50	26...	1424	28.42
APR			SEP		
13...	1233	12.04	15...	1155	23.06

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, 37.80 ft (11.52 m) NGVD, Oct. 14, 1979; lowest, 30.99 ft (9.45 m) NGVD, June 17,18, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	31.70	31.92	31.49	31.95	32.43	32.78	34.03	33.34	34.01	36.47	36.23	36.07
10	31.60	31.75	31.38	31.85	32.36	34.00	33.99	33.05	33.48	36.70	36.29	37.15
15	31.47	31.63	31.46	32.58	32.60	34.01	34.09	32.71	33.17	36.45	36.10	36.92
20	31.35	31.52	31.33	32.41	32.92	33.81	33.81	32.43	35.13	36.63	36.63	36.82
25	31.90	31.44	31.30	32.38	32.74	33.92	33.96	32.64	36.79	36.72	36.41	37.39
EOM	31.77	31.37	31.93	32.30	32.68	34.30	33.67	33.85	36.63	36.50	36.41	37.59
MAX	31.95	31.93	31.93	32.58	32.97	34.33	34.35	33.85	36.92	36.81	36.63	37.60
WTR YR 1982	MEAN	33.74	MAX	37.60	SEP 27 AND OTHERS	MIN	31.30	OCT 23 AND OTHERS				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 1.47 ft (0.45 m) NGVD, June 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1450	1.76	12...	1330	3.55
JAN			JUL		
08...	1430	2.33	12...	1235	6.13
MAR			SEP		
05...	1400	3.23	03...	1240	5.59
MAY			14...	1310	6.06
07...	1348	3.85			

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1505	2.13	12...	1335	2.74
JAN			JUL		
08...	1400	2.40	12...	1210	3.81
MAR			SEP		
05...	1430	2.69	03...	1203	3.60
MAY			14...	1305	3.95
07...	1250	3.15			

WATER RESOURCES DATA FOR FLORIDA, 1982
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KEY TO SITE LOCATIONS ON FIGURE 6

DE SOTO COUNTY

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6	271618081590901	50
7	271743081374601	50
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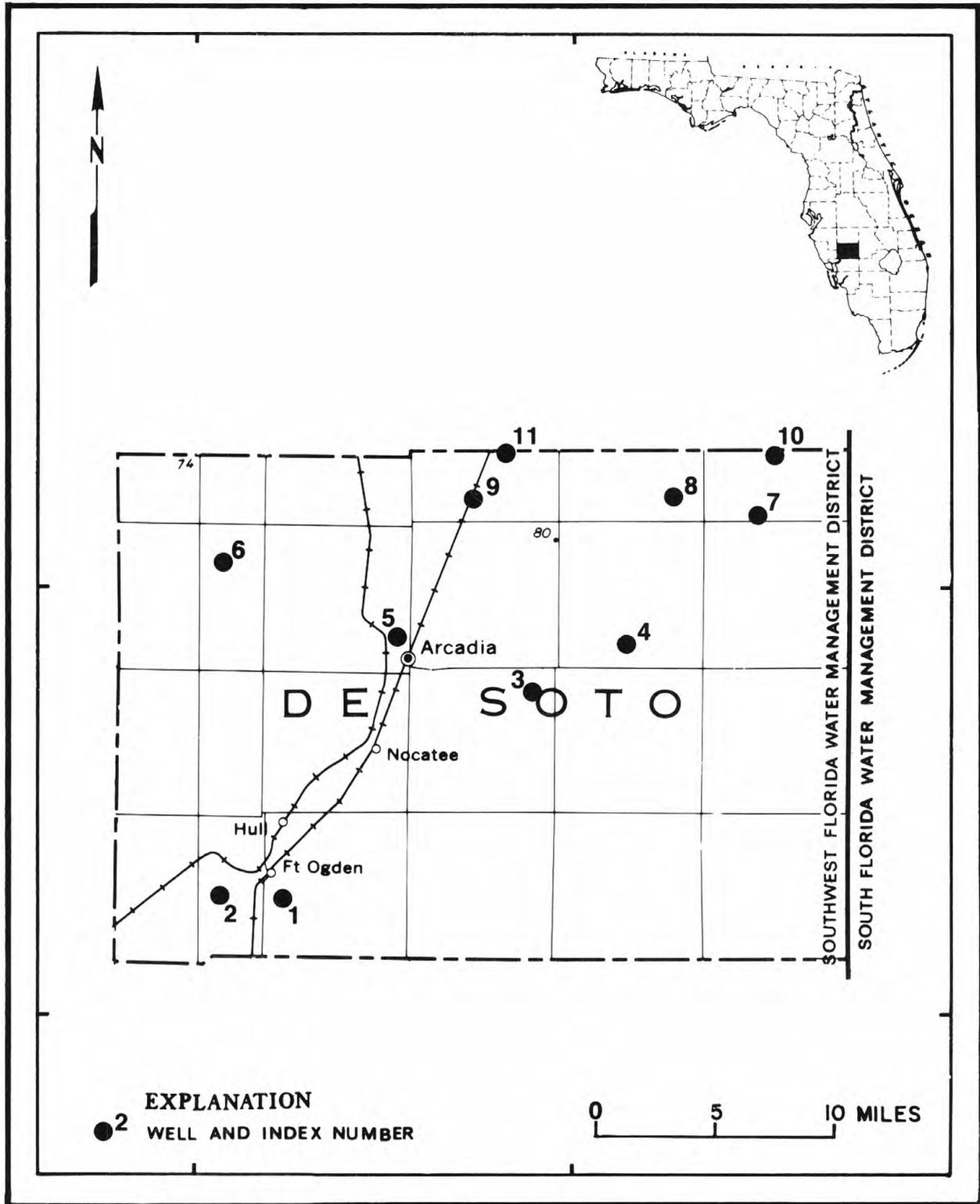


Figure 6. Location of wells in De Soto County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 30.08 ft (9.17 m) NGVD, May 26, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT 08...	1030	38.89	MAY 10...	1030	39.30
DEC 14...	1335	37.96	JUN 08...	1533	40.80
FEB 02...	0745	38.96	AUG 03...	0810	41.45
APR 05...	1210	40.25	SEP 13...	1639	38.66

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 1,190 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), 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, 41.79 ft (12.74 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT 08...	1001	48.26	MAY 10...	1042	45.25
DEC 14...	1318	43.17	JUN 08...	1548	47.10
FEB 02...	0825	42.71	AUG 04...	0750	48.26
APR 05...	1226	47.10	SEP 13...	1620	47.10

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DE SOTO COUNTY

WELL NUMBER.--271115081462701. ROMP 16 Ocala Well near Arcadia, FL.

LOCATION.--Lat 27°11'15", long 81°46'27", in SW¼NW¼ sec.12, T.38 S., R.25 E., Hydrologic Unit 03100101, on State Highway 760, 1.5 mi (2.4 km) south of State Highway 70, and 5.7 mi (9.2 km) southeast of Arcadia.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 7 in (18 cm), depth 942 ft (287 m), cased to 757 ft (231 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 5.31 ft (1.62 m) above land-surface datum.

DATUM.--Land-surface datum is 64.00 ft (19.51 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 50.76 ft (15.47 m) NGVD, Mar. 1, 1980; lowest, 39.63 ft (12.08 m) NGVD, May 22, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	49.54	46.11	45.79	45.14	45.73	47.22	48.48	48.58	48.30	49.53	49.85	50.02
10	48.97	46.64	45.43	45.57	46.90	47.96	48.24	48.37	48.80	49.59	49.81	50.06
15	48.13	46.86	45.17	45.33	47.02	48.36	48.50	47.29	48.85	49.63	50.06	50.14
20	46.92	46.83	44.17	46.46	47.61	47.87	48.32	46.40	49.42	49.76	50.07	50.10
25	46.43	46.80	45.17	46.69	47.83	46.89	48.01	47.17	49.46	49.71	50.08	50.35
EOM	45.75	46.84	45.12	45.73	47.76	47.76	48.58	47.70	49.51	49.81	50.00	50.38
MEAN	47.83	46.62	45.31	45.65	46.94	47.69	48.27	47.60	48.94	49.65	49.99	50.15
MAX	49.72	46.95	46.66	46.69	47.86	48.38	48.58	48.67	49.51	49.81	50.14	50.45
MIN	45.75	45.99	44.17	44.07	45.64	46.64	47.72	46.18	47.80	49.46	49.81	49.99
WTR YR 1982	MEAN	47.89	MAX	50.45	SEP 26	MIN	44.07	JAN 12				

WELL NUMBER.--271115081462702. ROMP 16 Hawthorn Well near Arcadia, FL.

LOCATION.--Lat 27°11'15", long 81°46'27", in SW¼NW¼ sec.12, T.38 S., R.25 E., Hydrologic Unit 03100101, on State Highway 760, 1.5 mi (2.4 km) south of State Highway 70, and 5.7 mi (9.2 km) southeast of Arcadia.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 340 ft (104 m), cased to 300 ft (91 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 5.06 ft (1.54 m) above land-surface datum.

DATUM.--Land-surface datum is 64.00 ft (19.51 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 51.21 ft (15.61 m) NGVD, Sept. 26, 1982; lowest, 29.43 ft (8.97 m) NGVD, May 17, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	50.38	44.18	43.13	43.29	45.16	46.01	48.87	48.42	49.10	49.50	50.57	50.76
10	49.64	46.62	44.16	43.33	46.85	48.35	46.97	45.77	49.13	49.70	50.25	50.81
15	48.63	45.90	40.52	43.76	46.94	48.72	49.01	44.59	49.19	49.90	50.75	50.90
20	47.09	44.87	34.09	45.69	47.85	47.97	48.14	40.66	48.60	50.00	50.86	50.91
25	46.30	44.64	43.01	46.00	48.02	45.84	44.62	44.69	48.80	50.00	50.88	51.13
EOM	42.74	43.66	43.08	42.52	48.27	47.83	48.88	48.62	49.30	50.10	50.80	51.18
MEAN	47.87	45.17	41.75	43.75	46.60	47.59	47.74	45.82	49.02	49.73	50.68	50.91
MAX	50.55	46.99	44.86	46.22	48.27	48.72	49.03	49.03	49.50	50.10	50.91	51.21
MIN	42.74	43.66	34.09	38.33	41.10	44.97	43.65	40.66	48.59	48.60	50.20	50.73
WTR YR 1982	MEAN	47.21	MAX	51.21	SEP 26	MIN	34.09	DEC 20				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DE SOTO COUNTY

WELL NUMBER.--271115081462703. ROMP 16 Shallow Well near Arcadia, FL.

LOCATION.--Lat 27°11'15", long 81°46'27", in SW¼NW¼ sec.12, T.38 S., R.25 E., Hydrologic Unit 03100101, on State Highway 760, 1.5 mi (2.4 km) south of State Highway 70, and 5.7 mi (9.2 km) southeast of Arcadia.

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 27 ft (8 m), cased to 17 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.84 ft (1.17 m) above land-surface datum.

DATUM.--Land-surface datum is 64.00 ft (19.51 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 64.00 ft (19.51 m) NGVD, June 18, 1982; lowest, 56.88 ft (17.34 m) NGVD, Aug. 18, 19, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	59.29	58.28	57.83	57.41	57.18	57.05	58.50	58.01	61.48	61.67	61.23	61.00
10	59.05	58.21	57.75	57.34	57.14	57.97	58.39	57.90	60.75	61.53	61.72	60.98
15	58.85	58.14	57.68	57.46	57.10	58.12	58.37	57.73	60.82	61.94	61.98	61.29
20	58.68	58.06	57.61	57.41	57.16	58.08	58.19	57.63	63.89	62.21	63.56	63.26
25	58.53	57.98	57.54	57.31	57.14	57.95	58.21	57.51	63.82	62.34	62.90	63.51
EOM	58.39	57.90	57.47	57.24	57.10	58.43	58.18	60.74	63.08	62.15	61.44	63.64
MEAN	58.86	58.13	57.67	57.37	57.15	57.85	58.32	58.04	62.31	62.06	62.12	62.11
MAX	59.51	58.37	57.89	57.47	57.22	58.43	58.50	60.74	64.00	62.78	63.56	63.90
MIN	58.39	57.90	57.47	57.24	57.08	57.05	58.09	57.48	60.48	61.33	61.05	60.85
WTR YR 1982	MEAN	59.34	MAX	64.00	JUN 18	MIN	57.05	MAR 5				

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, 39.47 ft (12.03 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
05...	1832	50.74	11...	0947	49.46
NOV			JUN		
03...	0930	46.91	10...	0830	49.99
DEC			24...	1550	50.51
15...	1343	45.47	JUL		
JAN			08...	1343	50.73
07...	1340	45.76	AUG		
FEB			05...	1245	51.04
04...	0925	46.02	SEP		
MAR			14...	1105	51.25
02...	1046	48.52			
APR					
06...	1050	49.51			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DE SOTO COUNTY

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, 34.23 ft (10.43 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
06...	0716	43.06	11...	1612	45.14
DEC			JUN		
15...	1407	40.52	10...	1945	43.98
FEB			AUG		
03...	1120	39.77	05...	1105	46.29
APR			SEP		
06...	1530	43.06	14...	1342	43.98

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, 1979, 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, 1979, 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, 25.28 ft (7.71 m) NGVD, May 26, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
06...	0725	32.11	11...	1607	30.31
DEC			JUN		
15...	1400	30.29	10...	1941	31.98
FEB			AUG		
03...	1105	30.58	05...	1110	33.21
APR			SEP		
06...	1512	31.61	14...	1338	32.69

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DE SOTO COUNTY

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, 31.20 ft (9.51 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	45.87	42.44	41.91	39.96	39.39	42.24	42.54	42.71	42.94	45.20	46.54	46.77
10	45.57	42.55	41.64	40.37	40.09	42.20	42.77	42.64	43.34	45.50	46.51	46.76
15	44.84	42.72	40.51	39.09	40.42	42.70	42.83	42.04	43.72	45.80	46.74	46.78
20	44.08	42.80	39.80	40.30	41.31	42.77	42.98	41.04	44.31	46.05	46.84	46.58
25	43.34	42.78	39.91	40.32	41.91	42.42	42.59	40.94	44.74	46.15	46.95	46.87
EOM	42.44	42.31	40.39	40.26	42.05	42.07	42.66	42.04	44.97	46.35	46.86	47.04
MEAN	44.59	42.57	40.85	40.04	40.66	42.38	42.70	41.91	43.83	45.76	46.74	46.78
MAX	46.06	42.85	42.32	40.40	42.12	42.77	43.05	42.82	44.97	46.35	46.99	47.04
MIN	42.44	42.26	39.60	39.09	39.39	41.98	42.13	40.70	42.38	45.00	46.45	46.58
WTR YR 1982	MEAN	43.25	MAX	47.04	SEP 30	MIN	39.09	JAN 15				

NOTE.--Record estimated July 1 to Aug. 4.

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) 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). 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, 23.20 ft (7.07 m) NGVD, May 19, 20, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	49.80	33.60	32.60	31.15	45.20	46.61	48.66	49.16	49.17	50.11	50.44	50.59
10	49.25	33.70	32.20	44.50	46.90	48.07	48.65	48.99	49.29	50.16	50.41	50.65
15	36.35	34.15	43.00	45.10	46.95	48.57	48.94	47.41	49.41	50.22	50.66	50.74
20	33.60	46.80	43.10	46.35	47.75	47.83	48.54	35.00	49.90	50.37	50.67	50.48
25	32.85	45.70	44.40	46.50	48.00	34.49	48.43	47.84	49.96	50.29	50.55	50.90
EOM	32.80	45.95	31.40	45.10	47.70	47.94	49.03	48.64	50.06	50.40	50.58	50.98
MEAN	41.04	39.36	38.65	40.55	46.81	45.28	48.60	46.93	49.54	50.24	50.57	50.71
MAX	50.00	46.80	44.80	46.50	48.00	48.57	49.03	49.22	50.06	50.41	50.74	51.00
MIN	32.45	32.95	31.40	31.15	44.90	34.46	48.01	34.85	48.78	50.02	50.40	50.48
WTR YR 1982	MEAN	45.67	MAX	51.00	SEP 26	MIN	31.15	JAN 5				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DE SOTO COUNTY

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 1,248 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, top of casing, at land-surface datum; Apr. 17, 1975, to Nov. 28, 1977, top of 0.5 in (1.3 cm) access hole, 0.30 ft (0.09 m) above land-surface datum; Nov. 28, 1977, to Apr. 3, 1979, 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 measured, 35.40 ft (10.79 m) NGVD, May 19, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
06...	1645	49.62	11...	1014	48.44
DEC			JUN		
15...	1200	43.29	10...	0900	49.27
FEB			AUG		
04...	0955	44.83	05...	1320	50.03
APR					
06...	1124	48.28			

WELL NUMBER.--271757081493001. ROMP 26 Shallow Well 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, 2.59 ft (0.79 m) above land-surface datum. Prior to Mar. 6, 1978, top of casing, 2.5 ft (0.8 m) above land-surface datum.

DATUM.--Land-surface datum is 73.48 ft (22.40 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980, land-surface datum was considered to be 77 ft (23 m), from topographic map. See PERIOD OF RECORD.

PERIOD OF RECORD.--August 1976 to February 1978 (monthly); March 1978 to current year. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1980, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -3.08 ft (0.94 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 74.11 ft (22.59 m) NGVD, June 20, 1982; lowest, 66.99 ft (20.42 m) NGVD, Nov. 3, 1980.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	69.06	67.91	67.47	67.48	68.02	68.31	69.47	70.10	72.26	71.27	70.84	70.28
10	68.79	67.83	67.44	67.44	68.13	68.78	69.60	69.70	71.07	72.77	70.55	70.98
15	68.56	67.74	67.44	67.80	68.12	68.77	70.50	68.70	70.62	71.49	70.63	70.49
20	68.39	67.66	67.49	68.03	68.45	68.54	69.60	68.45	74.11	71.23	71.12	72.26
25	68.21	67.58	67.53	68.10	68.49	68.33	70.60	69.17	74.07	71.42	71.25	72.27
EOM	68.05	67.51	67.49	68.07	68.44	69.63	71.00	71.15	71.76	71.41	70.66	71.91
MEAN	68.58	67.74	67.48	67.78	68.24	68.63	70.11	69.46	72.17	71.90	70.91	71.40
MAX	69.28	68.01	67.53	68.10	68.50	69.63	71.50	71.15	74.11	74.07	71.59	73.97
MIN	68.05	67.51	67.44	67.44	68.02	68.28	69.10	68.37	70.62	71.06	70.47	70.18
WTH YR 1982	MEAN	69.53	MAX	74.11	JUN 20	MIN	67.44	DEC 10	AND OTHERS			

NOTE.--Record estimated Apr. 6 to May 16.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DE SOTO COUNTY

WELL NUMBER.--271757081493002. ROMP 26 Avon Park Well 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, 2.59 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 75.28 ft (22.95 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980, land-surface datum was considered to be 77 ft (23 m), from topographic map. See PERIOD OF RECORD.

PERIOD OF RECORD.--March 1978 to current year. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1980, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -2.03 ft (0.62 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 51.28 ft (15.63 m) NGVD, Oct. 5, 1979; lowest, 29.83 ft (9.09 m) NGVD, May 19, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	48.63	42.37	41.22	40.10	39.15	43.28	46.36	46.94	46.93	48.82	49.96	50.15
10	47.10	43.36	41.18	39.55	42.33	45.15	45.72	45.95	47.17	49.11	50.00	50.14
15	45.62	43.01	40.40	38.10	42.59	46.03	46.72	43.77	47.31	49.19	50.20	50.35
20	45.12	42.66	39.10	40.46	44.29	44.17	46.74	43.23	48.26	49.53	50.32	49.99
25	43.41	42.99	40.10	40.39	45.10	43.09	44.68	43.87	48.48	49.62	50.47	50.55
EOM	42.12	42.52	40.80	39.68	44.98	45.07	46.65	46.00	48.66	49.88	50.36	50.74
MEAN	45.75	42.78	40.71	39.55	42.63	44.41	46.09	44.95	47.61	49.30	50.20	50.30
MAX	49.30	43.53	42.52	40.50	45.10	46.10	46.92	47.10	48.66	49.88	50.48	50.74
MIN	42.12	42.22	39.10	37.18	39.15	42.83	44.55	41.98	46.28	48.58	49.85	49.99
WTR YR 1982	MEAN	45.36	MAX	50.74	SEP 30	MIN	37.18	JAN 12				

WELL NUMBER.--271757081493003. ROMP 26 Hawthorn Well 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, 2.58 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 75.84 ft (23.12 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980, land-surface datum was considered to be 77 ft (23 m), from topographic map. See PERIOD OF RECORD.

PERIOD OF RECORD.--March 1978 to current year. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1980, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -1.98 ft (0.60 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 51.17 ft (15.60 m) NGVD, Oct. 1, 1979; lowest, 17.17 ft (5.23 m) NGVD, May 14, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	48.02	38.25	36.00	34.70	36.20	43.00	46.38	45.77	46.40	48.43	49.67	49.68
10	46.53	39.59	37.50	33.82	39.00	45.70	44.33	44.61	46.76	48.72	49.54	49.75
15	44.57	40.07	37.04	27.72	40.00	46.30	45.88	39.95	46.23	48.81	49.70	49.98
20	44.40	38.48	26.60	35.24	41.60	39.96	45.58	38.93	48.40	49.20	49.89	49.73
25	39.71	38.93	37.62	32.11	42.60	39.31	42.88	42.36	47.98	49.24	49.96	50.16
EOM	40.25	37.96	35.30	27.96	43.40	44.83	45.81	45.23	48.26	49.53	49.87	50.40
MEAN	44.31	39.04	36.34	32.78	39.28	43.25	44.97	42.90	47.05	48.92	49.75	49.89
MAX	49.00	41.81	38.82	37.44	43.40	46.50	46.38	46.39	48.40	49.53	50.06	50.40
MIN	39.48	36.26	26.60	24.21	27.88	37.77	40.32	37.58	45.50	48.15	49.48	49.57
WTR YR 1982	MEAN	43.22	MAX	50.40	SEP 30	MIN	24.21	JAN 11				

NOTE.--Record estimated Feb. 4 to Mar. 15.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DE SOTO COUNTY

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: Top of 10 in (25 cm) flange level with concrete base, 1.15 ft (0.35 m) above land-surface datum. Prior to Apr. 1, 1976, top of casing, 0.5 ft (0.2 m) above land-surface datum; Apr. 1, 1976, to May 19, 1981, lower inside lip of flange on end of 6 in (15 cm) discharge outlet, 1.4 ft (0.4 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, 26.00 ft (7.92 m) NGVD, May 19, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
06...	1530	47.02	11...	1402	45.91
DEC			JUN		
02...	1345	42.40	10...	1100	46.93
FEB			AUG		
04...	1130	40.15	05...	1500	49.94
APR			SEP		
06...	1300	45.19	14...	1517	50.29

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

LOCATION.--Lat 27°20'12", long 81°48'25", in NW¼NW¼ 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, 18.52 ft (5.64 m) NGVD, May 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	46.21	38.49	36.73	33.32	32.33	37.73	40.26	41.30	41.53	45.37	48.37	49.37
10	43.93	38.99	36.30	32.33	34.35	38.83	40.15	41.05	42.29	45.99	48.53	49.40
15	42.64	37.77	35.11	30.25	35.96	39.91	41.16	39.16	42.63	46.49	48.94	49.67
20	41.77	38.57	32.18	31.76	37.19	38.76	41.52	38.97	43.86	47.05	49.18	49.59
25	39.73	38.19	32.97	32.40	38.25	38.81	40.14	38.49	44.51	47.47	49.42	49.86
EOM	38.46	37.18	34.16	32.40	38.42	38.92	41.16	40.29	44.99	48.05	49.44	50.15
MEAN	42.60	38.28	34.68	32.15	35.48	38.82	40.50	39.93	43.01	46.58	48.93	49.61
MAX	46.43	39.04	36.97	33.86	38.48	39.98	41.61	41.69	44.99	48.05	49.46	50.15
MIN	38.46	36.76	31.98	29.99	32.10	37.73	39.25	37.13	40.62	45.03	48.17	49.26
WTR YR 1982	MEAN	40.90	MAX	50.15	SEP 30	MIN	29.99	JAN 13				

WATER RESOURCES DATA FOR FLORIDA, 1982
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KEY TO SITE LOCATIONS ON FIGURE 7

HARDEE COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	272714081545901	56
1	272714081545902	56
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2A	272728081474701	58
2A	272728081474702	59
2A	272728081474703	60
2	272924081395801	61
3	273040081541901	61
4	273103081363701	62
5	273156081451401	62
6	273407082025501	63

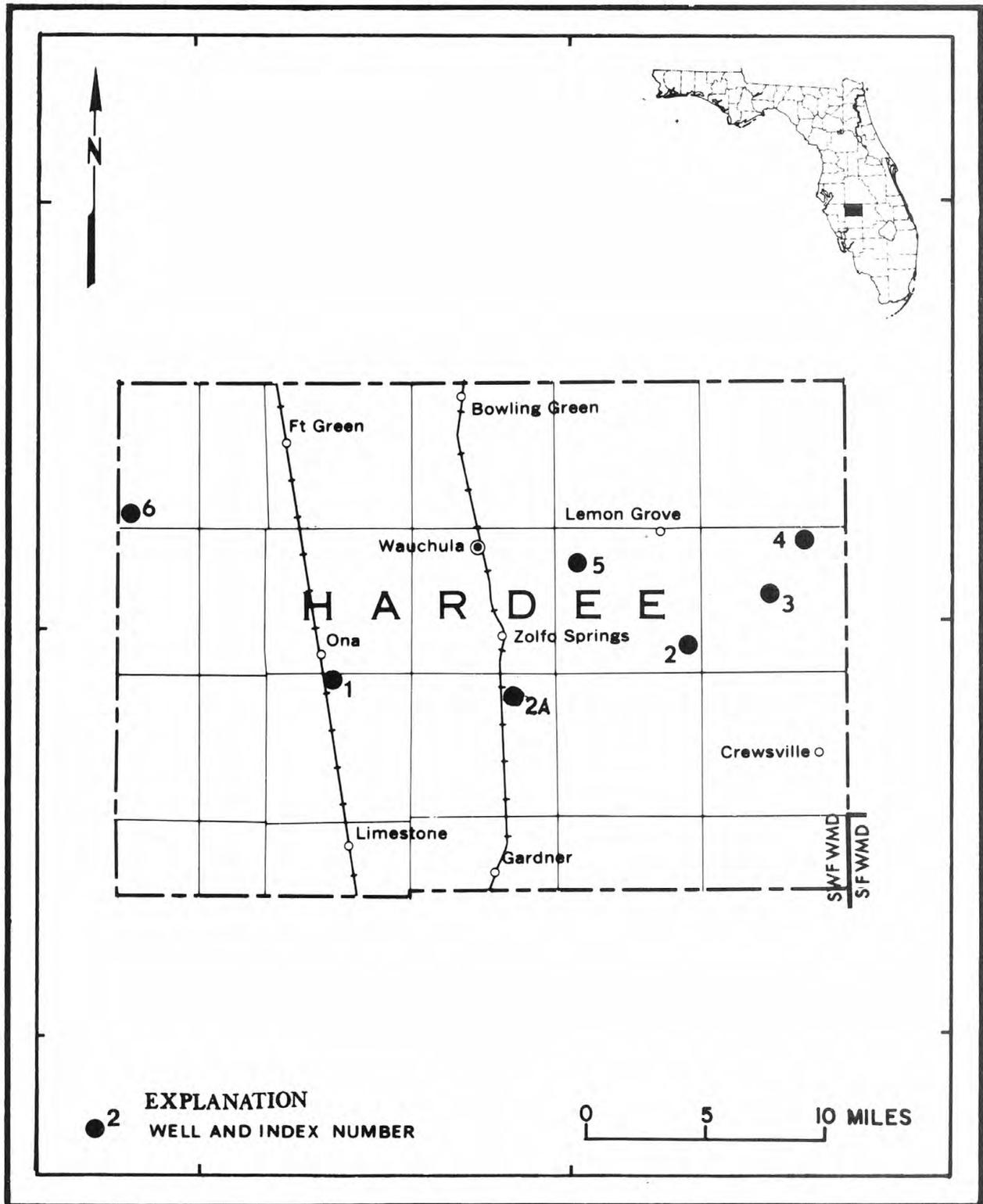


Figure 7. Location of wells in Hardee County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 55.87 ft (17.03 m) NGVD, Sept. 30, 1982, water level rising; lowest, 10.45 ft (3.19 m) NGVD, May 22, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	47.53	40.43	38.47	35.66	32.10	36.13	37.82	40.00	38.95	47.02	53.02	55.44
10	47.17	40.60	38.83	35.39	34.11	36.13	37.95	40.10	40.18	48.31	53.54	55.52
15	45.47	40.60	38.01	32.65	34.71	37.09	38.81	37.76	41.47	49.37	54.16	55.70
20	44.07	40.73	36.50	33.04	35.21	37.49	39.37	36.96	42.86	50.47	54.54	55.63
25	42.04	40.14	34.59	32.70	36.19	37.07	38.59	36.32	44.32	51.29	55.06	55.74
EOM	40.28	39.66	35.44	32.75	36.27	36.99	39.12	37.56	45.73	52.27	55.34	55.87
MEAN	44.82	40.38	37.11	33.94	34.42	36.76	38.44	38.19	41.73	49.44	54.15	55.62
MAX	47.67	40.76	39.02	35.73	36.31	37.57	39.39	40.18	45.73	52.27	55.34	55.87
MIN	40.28	39.57	34.38	32.52	32.10	35.78	37.05	36.18	37.82	45.94	52.45	55.42
WTR YR 1982	MEAN	42.12	MAX	55.87	SEP 30	MIN	32.10	FEB 5				

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, 57.56 ft (17.54 m) NGVD, Sept. 26, 30, 1982, water level rising; lowest, 11.49 ft (3.50 m) NGVD, May 21, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	48.38	41.80	39.16	37.54	33.44	37.71	39.31	41.53	40.45	48.32	54.00	56.99
10	47.89	41.90	39.81	37.33	35.67	37.63	39.36	41.59	41.71	49.62	54.86	57.17
15	46.27	41.82	39.37	34.70	36.29	38.47	40.29	39.01	42.87	50.50	55.53	57.32
20	44.59	41.91	38.05	34.52	36.69	38.85	40.78	38.63	44.26	51.20	55.95	57.32
25	43.30	40.92	36.29	33.65	37.59	38.45	40.17	38.02	45.65	52.00	56.45	57.47
EOM	41.90	40.88	37.35	33.87	37.72	38.58	40.74	39.18	46.99	53.10	56.86	57.56
MEAN	45.74	41.53	38.41	35.52	35.85	38.23	39.96	39.73	43.13	50.44	55.43	57.27
MAX	48.50	41.99	40.16	37.65	37.72	38.87	40.80	41.70	46.99	53.10	56.86	57.56
MIN	41.90	40.67	36.08	33.63	33.44	37.40	38.71	37.73	39.42	47.24	53.30	56.95
WTR YR 1982	MEAN	43.48	MAX	57.56	SEP 26 AND OTHERS	MIN	33.44	FEB 5				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HARDEE COUNTY

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

LOCATION.--Lat 27°27'14", long 81°54'59", in NE¼ 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, 78.39 ft (23.89 m) NGVD, Sept. 7, 1981; lowest, 70.74 ft (21.56 m) NGVD, May 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	74.71	72.76	71.88	71.38	71.34	72.32	73.86	74.53	76.47	75.74	75.33	74.77
10	74.17	72.53	71.70	71.23	72.05	73.34	73.84	74.05	75.27	76.87	74.90	76.42
15	73.72	72.35	71.60	71.51	72.01	73.57	74.95	72.96	74.65	76.22	75.84	75.52
20	73.37	72.10	71.56	71.54	72.69	73.12	73.97	72.48	78.34	75.63	77.28	76.76
25	73.10	71.85	71.44	71.46	72.57	72.77	75.03	73.43	78.33	76.77	75.92	77.20
EOM	72.93	71.74	71.46	71.23	72.49	73.84	75.49	76.56	76.72	76.07	75.23	76.78
MEAN	73.79	72.30	71.62	71.39	72.12	73.11	74.40	73.88	76.66	76.31	75.85	76.12
MAX	75.12	72.91	71.90	71.56	72.71	73.84	75.89	76.56	78.38	77.35	77.28	78.28
MIN	72.90	71.74	71.41	71.19	71.23	72.32	73.43	72.35	74.50	75.58	74.90	74.72
WTR YR 1982	MEAN	73.97	MAX	78.38	JUN 26	MIN	71.19	JAN 11	AND OTHERS			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HARDEE COUNTY

WELL NUMBER.--272728081474701. ROMP 30 Avon Park Well near Zolfo Springs, FL.

LOCATION.--Lat 27°27'28", long 81°47'47", in SW¼SE¼ sec.3, T.35 S., R.25 E., Hydrologic Unit 03100101, 200 ft (61 m) east of State Highway 17, 0.25 mi (0.40 km) north of State Highway 684, and 2.4 mi (3.9 km) south of Zolfo Springs.

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

WELL CHARACTERISTICS.--Drilled, observation well, diameter 8 in (20 cm), depth 1,266 ft (386 m), cased to 380 ft (116 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 66.73 ft (20.34 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District.)

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 58.99 ft (17.98 m) NGVD, Sept. 30, 1982, water level rising; lowest, 34.73 ft (10.59 m) estimated, NGVD, Jan. 17, 18, 1982.

ELEVATION (FEET NGVD), AUGUST TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5											---	48.60
10											---	49.47
15											---	50.20
20											45.48	51.02
25											46.53	51.76
EOM											47.79	52.02
MEAN											46.42	50.24
MAX											47.79	52.03
MIN											45.33	48.05
WTR YR 1981	MEAN	49.02	MAX	52.03	SEP 29	MIN	45.33	AUG 18				

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	51.92	43.59	41.31	37.77	37.26	40.83	43.34	45.71	44.68	51.26	56.20	58.16
10	49.88	43.96	39.74	37.87	38.43	41.47	43.19	45.66	45.77	52.31	56.39	58.12
15	48.18	44.05	39.99	35.03	39.34	42.48	44.19	43.92	46.76	53.18	57.02	58.50
20	46.48	44.05	38.03	35.78	40.25	42.55	44.74	42.50	48.06	54.02	57.25	58.50
25	44.56	42.64	37.08	37.32	41.29	39.37	44.13	41.97	49.21	54.70	57.53	58.80
EOM	42.78	40.57	38.07	36.91	41.45	42.11	44.91	43.32	50.26	55.58	57.63	58.99
MEAN	47.81	43.08	39.20	36.71	39.19	41.46	43.88	43.90	46.99	53.22	56.93	58.43
MAX	52.15	44.24	41.77	38.38	41.45	42.67	44.91	45.90	50.26	55.58	57.63	58.99
MIN	41.18	40.12	36.58	34.73	37.03	38.50	42.36	41.72	43.60	50.37	55.74	57.73
WTR YR 1982	MEAN	45.93	MAX	58.99	SEP 30	MIN	34.73	JAN 17 AND OTHERS				

NOTE.--Record estimated Jan. 12-20, Aug. 21 to Sept. 3.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HARDEE COUNTY

WELL NUMBER.--272728081474702. ROMP 30 Tampa Well near Zolfo Springs, FL.

LOCATION.--Lat 27°27'28", long 81°47'47", in SW¼SE¼ sec.3, T.35 S., R.25 E., Hydrologic Unit 03100101, 200 ft (61 m) east of State Highway 17, 0.25 mi (0.40 km) north of State Highway 684, and 2.4 mi (3.9 km) south of Zolfo Springs.

AQUIFER.--Tampa limestone formation of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 8 in (20 cm), depth 316 ft (96 m), cased to 280 ft (85 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 66.73 ft (20.34 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 56.97 ft (17.36 m) NGVD, Sept. 30, 1982, water level rising; lowest, 38.08 ft (11.61 m) NGVD, Jan. 18, 1982.

ELEVATION (FEET NGVD), AUGUST TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5											---	48.14
10											---	49.20
15											---	49.77
20											44.36	50.46
25											45.31	50.84
EOM											46.57	51.25
MEAN											45.23	49.67
MAX											46.57	51.26
MIN											44.34	46.71
WTR YR 1981	MEAN	48.25	MAX	51.26	SEP 29	MIN	44.34	AUG 18 AND OTHERS				

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	50.58	44.45	42.24	41.07	39.80	43.26	44.85	46.99	47.01	51.64	54.77	55.96
10	49.59	44.87	42.27	40.74	41.10	43.57	45.14	47.06	47.50	52.14	54.96	56.15
15	48.80	44.91	41.68	38.22	41.81	44.45	45.93	45.28	48.07	52.81	55.27	56.29
20	47.22	44.80	40.29	38.32	42.62	44.39	46.27	44.24	49.69	53.47	55.51	56.25
25	45.50	43.67	39.77	39.67	43.30	42.05	46.15	44.10	50.67	53.87	55.76	56.74
EOM	43.50	42.11	40.65	39.28	43.62	43.55	46.52	45.66	51.28	54.52	55.78	56.97
MEAN	47.89	44.16	41.19	39.62	41.64	43.60	45.59	45.56	48.70	52.88	55.30	56.32
MAX	51.11	45.04	43.05	41.27	43.62	44.53	46.52	47.12	51.28	54.52	55.78	56.97
MIN	43.24	42.11	39.33	38.08	39.36	41.92	43.94	43.73	45.99	51.26	54.69	55.88
WTR YR 1982	MEAN	46.89	MAX	56.97	SEP 30	MIN	38.08	JAN 18				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HARDEE COUNTY

WELL NUMBER.--272728081474703. ROMP 30 Shallow Well near Zolfo Springs, FL.

LOCATION.--Lat 27°27'28", long 81°47'47", in SW¼SE¼ sec.3, T.35 S., R.25 E., Hydrologic Unit 03100101, 200 ft (61 m) east of State Highway 17, 0.25 mi (0.40 km) north of State Highway 684, and 2.4 mi (3.9 km) south of Zolfo Springs.

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

WELL CHARACTERISTICS.--Drilled, observation well, diameter 8 in (20 cm), depth 15 ft (5 m), cased to 5 ft (2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.12 ft (1.26 m) above land-surface datum.

DATUM.--Land-surface datum is 66.73 ft (20.34 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District.)

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 66.92 ft (20.40 m) NGVD, June 20, 1982; lowest, 62.45 ft (19.03 m) estimated, NGVD, Dec. 20, 1981.

ELEVATION (FEET NGVD), AUGUST TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5											---	66.56
10											---	66.17
15											---	65.57
20											64.44	65.79
25											65.44	64.83
EOM											65.94	64.47
MEAN											65.09	65.75
MAX											66.11	66.70
MIN											62.98	64.47
WTR YR 1981	MEAN	65.54	MAX	66.70	SEP 6	MIN	62.98	AUG 19				

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	64.16	63.15	62.85	62.55	65.48	64.11	64.69	64.20	66.43	64.97	65.04	64.75
10	63.90	63.13	62.65	62.75	65.17	64.81	66.30	63.75	64.77	65.78	64.38	66.30
15	63.69	63.00	62.65	64.08	64.54	64.48	65.10	63.39	65.74	65.45	64.30	65.31
20	63.46	62.85	62.45	63.72	65.12	64.09	64.34	63.09	66.92	66.50	66.05	66.58
25	63.29	62.75	62.55	63.51	64.34	65.39	65.19	64.42	66.71	65.98	64.74	66.20
EOM	63.15	62.55	62.55	64.23	64.20	65.85	65.18	66.59	65.07	65.79	64.98	65.84
MEAN	63.67	62.93	62.73	63.39	64.84	64.82	65.05	64.24	66.04	65.94	64.95	65.78
MAX	64.41	63.19	65.75	64.23	65.91	66.62	66.57	66.72	66.92	66.78	66.29	66.86
MIN	63.15	62.55	62.45	62.55	64.05	63.93	64.21	63.00	64.77	64.56	64.17	64.24
WTR YR 1982	MEAN	64.53	MAX	66.92	JUN 20	MIN	62.45	DEC 20				

NOTE.--Record estimated Nov. 25 to Jan. 10.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HARDEE COUNTY

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) flange, 2.68 ft (0.82 m) above land-surface datum, plus existing length of additional pipe at time of measurement. See WRD FL-81-3B for history of changes prior to Oct. 1, 1981. See REMARKS.

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

REMARKS.--Water levels affected by pumping of nearby irrigation wells. Actual measuring point is changed frequently by addition of pipe by well owner. See Station Analyses for individual readings. See INSTRUMENTATION.

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, 38.86 ft (11.84 m) NGVD, May 22, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
11...	1615	61.98	11...	1440	66.54
JAN			JUL		
12...	0803	58.07	13...	1600	74.17
MAR			SEP		
11...	1445	62.35	14...	1232	78.28
APR					
28...	0940	65.92			

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 September 1980 (monthly); October 1980 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, 67.31 ft (20.52 m) NGVD, Mar. 3, 1964; lowest measured, unknown (below 16.8 ft, 5.1 m) during April, May 1975, and May 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
11...	0710	43.80	12...	1100	43.14
JAN			JUL		
12...	1053	36.91	13...	0740	54.08
MAR			SEP		
09...	1730	40.01	03...	0730	60.59
APR			14...	1036	60.57
27...	1120	43.19			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (3 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 September 1981 (monthly); October 1981 to September 1982 (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, 83.93 ft (25.58 m) NGVD, Mar. 4, 1964; lowest measured, 44.08 ft (13.44 m) NGVD, May 22, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
11...	1608	65.93	11...	1453	68.08
JAN			JUL		
12...	0815	62.25	13...	1545	76.19
MAR			SEP		
11...	1410	65.81	14...	1300	79.84
APR					
28...	0910	67.91			

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, May 20, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	61.01	50.87	47.10	44.30	47.93	50.58	53.19	56.29	56.13	62.27	66.64	67.70
10	59.06	51.14	47.00	44.50	50.02	52.00	53.67	55.48	57.00	63.31	66.88	68.19
15	56.47	52.08	46.50	42.45	50.24	53.07	54.71	52.50	57.64	64.00	67.17	68.43
20	53.39	50.04	44.30	45.86	51.42	51.97	54.58	51.51	59.42	64.84	67.47	68.37
25	51.67	48.50	43.30	47.37	51.96	51.05	54.39	52.21	60.56	65.28	67.73	68.89
FOM	51.02	46.80	44.50	46.01	52.29	52.12	55.31	54.45	61.49	66.04	67.71	69.14
MEAN	55.97	50.33	45.63	44.99	50.11	51.79	54.10	53.69	58.24	64.06	67.20	68.37
MAX	61.12	52.26	47.80	47.48	52.33	53.07	55.31	56.29	61.49	66.04	67.83	69.14
MIN	50.92	46.80	43.20	42.45	46.06	50.51	52.56	50.75	54.84	61.59	66.19	67.69
WTR YP 1982	MEAN	55.39	MAX	69.14	SEP 30	MIN	42.45	JAN 15				

NOTE.--Record estimated Nov. 21 to Jan. 14.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HARDEE COUNTY

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.--Tape measured. Measuring point: Top of 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 September 1979; October 1979 to current year (bi-monthly). 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 measured, 8.67 ft (2.64 m) NGVD, May 21, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
13...	1025	42.26	26...	1520	31.80
NOV			MAY		
09...	1525	37.61	11...	1018	32.47
DEC			JUN		
07...	0835	35.72	02...	1105	31.37
JAN			JUL		
11...	1127	33.74	28...	1435	50.48
FEB			SEP		
08...	0645	31.05	02...	1354	54.10
MAR			14...	0859	53.52
08...	1215	29.88			
30...	0755	30.63			

WATER RESOURCES DATA FOR FLORIDA, 1982
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KEY TO SITE LOCATIONS ON FIGURE 8

HERNANDO COUNTY

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9	283537082151501	70
10	283632082245101	71
11	283840082154801	71
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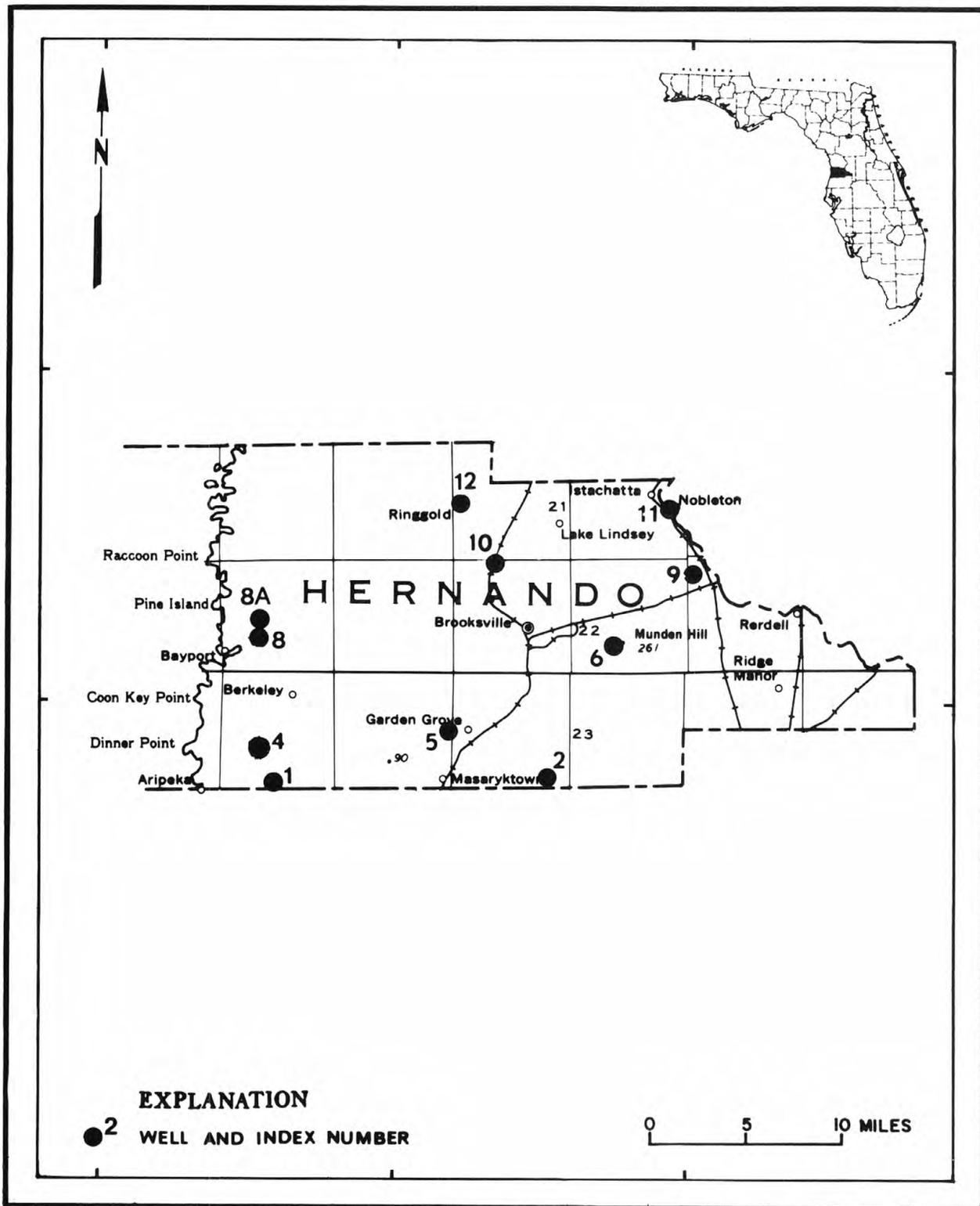


Figure 8. Location of wells in Hernando County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HERNANDO COUNTY

WELL NUMBER.--282605082345801. ROMP 97 Deep Well 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 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 23.87 ft (7.28 m) NGVD, Oct. 5, 1979; lowest, 13.82 ft (4.21 m) NGVD, July 16, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.70	16.53	15.99	16.18	16.98	16.62	17.54	17.32	16.93	20.17	21.32	21.90
10	16.75	16.48	15.91	16.25	16.94	17.05	17.57	17.20	16.78	20.39	21.24	22.41
15	16.73	16.35	15.86	16.53	16.85	17.34	17.57	17.04	16.70	20.73	21.23	22.81
20	16.67	16.27	15.74	16.75	16.85	17.45	17.54	16.90	18.22	21.19	21.39	22.87
25	16.67	16.17	15.67	16.92	16.75	17.52	17.53	16.84	19.30	21.34	21.68	23.06
EOM	16.58	16.07	16.08	16.98	16.69	17.54	17.47	16.90	19.91	21.39	21.87	23.59
MEAN	16.69	16.34	15.87	16.55	16.88	17.21	17.54	17.06	17.76	20.79	21.43	22.66
MAX	16.75	16.56	16.08	16.98	17.02	17.56	17.60	17.44	19.91	21.41	21.87	23.59
MIN	16.58	16.07	15.67	16.08	16.69	16.61	17.47	16.79	16.70	19.96	21.21	21.89
WTR YR 1982	MEAN	18.07	MAX	23.59	SEP 30	MIN	15.67	DEC 25				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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) east 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, 37.67 ft (11.48 m) NGVD, Aug. 22, 23, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	39.99	40.22	39.30	39.10	39.53	39.86	41.23	41.80	42.01	44.68	46.79	48.76
10	40.11	40.04	39.21	39.15	39.57	40.95	41.24	41.75	42.49	44.92	47.08	49.83
15	40.10	39.86	39.14	39.19	39.66	41.60	41.74	41.69	42.77	45.18	47.33	50.53
20	40.15	39.67	39.03	39.32	39.73	41.03	42.04	41.65	43.33	45.52	47.71	51.06
25	40.25	39.53	38.96	39.43	39.74	40.89	41.96	41.61	44.40	45.90	48.16	51.85
EOM	40.25	39.41	39.01	39.45	39.76	41.11	41.82	41.60	44.53	46.46	48.53	52.80
MEAN	40.13	39.84	39.12	39.25	39.64	40.79	41.62	41.69	43.07	45.34	47.49	50.51
MAX	40.30	40.23	39.40	39.45	39.79	41.60	42.08	41.84	44.55	46.46	48.53	52.80
MIN	39.89	39.41	38.93	39.01	39.44	39.82	41.13	41.56	41.61	44.51	46.55	48.63
WTR YR 1982	MEAN	42.38	MAX	52.80	SEP 30	MIN	38.93	DEC 27	AND OTHERS			

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) east 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, 100.06 ft (30.50 m) NGVD, Aug. 31, 1981; well dry Nov. 2, 1981, Jan. 4, 1982.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
MAR			JUL		
23...	1020	96.78	01...	1355	97.92
MAY			SEP		
04...	1045	91.96	02...	1300	97.44
12...	1553	87.67	14...	1115	97.58

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HERNANDO COUNTY

WELL NUMBER.--282742082375901. ROMP TR 18-1 Deep Well near Aripeka, FL.

LOCATION.--Lat 28°27'42", long 82°37'59", in NW¼NW¼ sec.29, T.23 S., R.17 E., Hydrologic Unit 03100207, 100 ft (30 m) south of State Highway 595, 0.7 mi (1.1 km) west of U. S. Highway 19, and 3.2 mi (5.1 km) northeast 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 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 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 17.14 ft (5.22 m) NGVD, Sept. 30, 1979; lowest, 11.73 ft (3.58 m) NGVD, July 11, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.69	13.39	13.05	13.78	13.94	13.74	14.18	13.85	13.70	15.24	16.30	16.50
10	13.66	13.37	13.05	13.69	13.89	14.12	14.38	13.74	13.40	15.75	16.35	16.05
15	13.49	13.26	13.12	13.93	13.78	14.06	14.32	13.55	13.31	16.10	16.35	16.07
20	13.33	13.23	12.92	13.94	13.90	14.00	14.21	13.46	14.82	16.25	16.50	15.98
25	13.49	13.14	12.96	13.91	13.76	14.25	14.20	13.45	15.23	16.30	16.70	16.29
EOM	13.32	13.10	13.65	13.86	13.70	14.23	13.99	13.75	15.20	16.30	16.60	16.48
MEAN	13.54	13.25	13.14	13.83	13.85	14.04	14.22	13.63	14.21	15.91	16.45	16.24
MAX	13.84	13.41	13.69	14.07	14.01	14.31	14.50	13.95	15.29	16.35	16.70	16.55
MIN	13.32	13.10	12.92	13.61	13.70	13.61	13.99	13.35	13.28	15.17	16.30	15.98

WTR YR 1982 MEAN 14.36 MAX 16.70 AUG 25 AND OTHERS MIN 12.92 DEC 20

NOTE.--Record estimated July 8 to Sept. 8.

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

LOCATION.--Lat 28°28'51", long 82°27'16", in SE¼SE¼ sec.13, T.23 S., R.18 E., Hydrologic Unit 03100207, 0.2 mi (0.3 km) north of Brooksville Airport, and 2.7 mi (4.3 km) north 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, 26.84 ft (8.18 m) NGVD, Aug. 31, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
02...	1410	29.25	12...	1530	28.49
JAN			JUL		
08...	0943	28.68	01...	1320	31.84
MAR			SEP		
01...	1535	28.69	02...	1350	38.69
MAY			14...	1123	38.61
04...	1207	29.39			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 13.60 ft (4.15 m) NGVD, part or all of each day July 7-16, 1981 (estimated).

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.37	16.07	15.54	15.62	15.55	15.30	15.68	16.32	16.26	18.56	20.22	21.01
10	16.37	16.00	15.45	15.57	15.51	15.42	15.77	16.30	16.20	18.90	20.29	21.84
15	16.34	15.92	15.37	15.56	15.45	15.48	16.11	16.20	16.14	19.32	20.39	22.47
20	16.26	15.81	15.26	15.63	15.45	15.51	16.23	16.13	17.10	19.72	20.55	22.64
25	16.20	15.71	15.16	15.63	15.40	15.54	16.31	16.18	17.86	19.93	20.81	22.95
EOM	16.14	15.62	15.57	15.59	15.38	15.63	16.35	16.21	18.23	20.16	20.95	23.46
MEAN	16.29	15.89	15.39	15.60	15.48	15.46	16.02	16.23	16.81	19.33	20.50	22.22
MAX	16.40	16.13	15.61	15.63	15.58	15.63	16.35	16.34	18.23	20.16	20.95	23.46
MIN	16.14	15.62	15.15	15.53	15.38	15.30	15.64	16.11	16.13	18.28	20.19	20.97
WTR YR 1982	MEAN	17.11	MAX	23.46	SEP 30	MIN	15.15	DEC 26				

WELL NUMBER.--283243082365701. ROMP 19-2 Deep 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. Prior to October 1979, published as Whitehurst BM Well near Bayport.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.36 ft (2.55 m) NGVD, Jan. 9, 1978; lowest, 4.40 ft (1.34 m) NGVD, Jan. 13, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.31	6.31	5.16	5.60	5.70	6.33	6.32	5.77	6.39	6.10	6.26	6.50
10	6.10	6.44	6.22	5.80	6.20	5.42	5.49	6.22	6.13	6.36	5.96	6.30
15	5.30	6.37	6.73	5.70	5.70	6.14	5.59	5.89	5.91	5.99	6.42	6.22
20	5.40	6.45	4.77	5.30	5.90	6.08	5.85	6.10	6.71	6.72	6.36	6.42
25	6.40	6.33	6.09	5.70	6.20	6.44	6.33	6.59	6.11	5.99	6.00	6.20
EOM	5.10	6.24	5.70	6.30	6.10	6.07	5.37	6.15	5.80	6.14	6.20	5.96
MEAN	5.83	6.19	6.02	5.72	5.91	6.00	5.96	6.14	6.30	6.15	6.23	6.24
MAX	6.50	7.08	6.81	6.70	6.40	7.21	6.69	6.62	7.81	6.72	6.87	6.79
MIN	5.10	5.10	4.77	4.90	5.50	4.99	5.25	5.63	5.10	5.80	5.90	5.84
WTR YR 1982	MEAN	6.06	MAX	7.81	JUN 18	MIN	4.77	DEC 20				

NOTE.--Record estimated Oct. 10 to Nov. 3, Dec. 26 to Mar. 4, June 30 to July 6, Aug. 24 to Sept. 8.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HERNANDO COUNTY

WELL NUMBER.--283313082350101. ROMP TR 19-3 Deep Well near Weeki Wachee, FL.

LOCATION.--Lat 28°33'13", long 82°35'01", in NE¼SE¼ sec.22, T.22 S., R.17 E., Hydrologic Unit 03100207, 1.4 mi (2.3 km) north of State Highway 50, 1.5 mi (2.4 km) northwest of Weeki Wachee, and 1.8 mi (2.9 km) west of U. S. Highway 19.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 603 ft (184 m), cased to 440 ft (134 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 5.00 ft (1.52 m) above land-surface datum.

DATUM.--Land-surface datum is 12.89 ft (3.93 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.43 ft (3.18 m) NGVD, Sept. 27, 28, 29, 1982; lowest, 7.65 ft (2.33 m) NGVD, June 30, 1980.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.62	8.39	8.47	8.81	8.61	8.61	8.57	8.47	8.76	9.65	9.55	9.60
10	8.60	8.41	8.27	8.71	8.52	8.59	8.84	8.61	8.55	9.55	9.49	9.93
15	8.33	8.36	8.37	9.00	8.48	8.57	8.95	8.50	8.50	9.60	9.51	10.09
20	8.37	8.50	8.29	8.78	8.69	8.55	8.80	8.38	9.69	9.61	9.69	10.13
25	8.45	8.40	8.17	8.66	8.56	8.69	8.68	8.73	9.90	9.64	9.71	10.26
FOM	8.35	8.30	8.71	8.60	8.61	8.58	8.70	8.75	9.75	9.55	9.62	10.41
MEAN	8.50	8.39	8.37	8.70	8.60	8.62	8.76	8.56	9.12	9.62	9.59	10.03
MAX	8.69	8.50	8.81	9.00	8.81	8.99	8.95	8.76	9.90	9.75	9.71	10.43
MIN	8.33	8.15	8.17	8.45	8.43	8.47	8.46	8.36	8.50	9.52	9.48	9.56
WTR YR 1982	MEAN	8.90	MAX	10.43	SEP 27 AND OTHERS	MIN	8.15	NOV 2				

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 NE¼NE¼NE¼ sec.12, T.22 S., R.20 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, 47.29 ft (14.41 m) NGVD, Sept. 24, 1982, lowest, 36.37 ft (11.09 m) NGVD, Aug. 2-4, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	38.57	38.53	38.15	38.14	39.04	39.48	41.21	42.29	41.51	44.08		---
10	38.66	38.49	38.08	38.27	39.11	39.90	41.29	42.16	41.57	44.39		---
15	38.70	38.43	38.02	38.39	39.18	40.38	41.86	41.95	41.58	44.57		---
20	38.64	38.38	37.91	38.57	39.25	40.72	42.22	41.74	42.09	44.77		---
25	38.60	38.30	37.83	38.76	39.32	40.93	42.39	41.57	42.94	44.94		---
FOM	38.56	38.22	37.98	38.94	39.37	41.08	42.38	41.43	43.66	---		---
MAX	38.70	38.56	38.21	38.94	39.37	41.08	42.40	42.37	43.66	45.06		47.29
WTR YR 1982	MEAN	40.35	MAX	47.29	SEP 24	MIN	37.81	DEC 26 AND OTHERS				

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, 29.62 ft (9.03 m) NGVD, June 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 09...	1005	30.32	JUN 24...	0755	33.98
JAN 07...	1700	30.12	JUL 09...	0957	34.32
MAR 05...	0953	30.16	SEP 15...	0910	39.50
MAY 12...	1445	32.69			

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, 36.33 ft (11.07 m) NGVD, July 20, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 09...	1229	38.06	JUL 29...	1130	43.79
JAN 29...	1027	39.37	SEP 14...	1405	45.92
APR 13...	1033	41.75			
MAY 11...	1450	41.26			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HERNANDO COUNTY

WELL NUMBER.--283924082272301. ROMP 107 Deep Well 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 (14.8 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, 19.26 ft (5.87 m) NGVD, Sept. 30, 1982, water level rising; lowest, 11.60 ft (3.54 m) NGVD, July 31, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.54	12.51	12.15	12.05	12.20	12.46	13.15	13.63	13.68	15.62	17.59	18.58
10	12.57	12.47	12.05	12.08	12.22	12.56	13.24	13.67	13.73	16.05	17.78	18.69
15	12.59	12.44	12.00	12.13	12.25	12.70	13.32	13.67	13.78	16.44	17.98	18.85
20	12.55	12.30	11.90	12.17	12.32	12.82	13.42	13.68	14.11	16.80	18.12	18.96
25	12.55	12.25	11.80	12.24	12.37	12.92	13.51	13.67	14.72	17.07	18.33	19.09
EOM	12.51	12.20	11.95	12.23	12.40	13.02	13.56	13.65	15.16	17.37	18.49	19.26
MEAN	12.56	12.38	11.98	12.13	12.27	12.71	13.33	13.66	14.11	16.45	17.99	18.85
MAX	12.59	12.52	12.20	12.24	12.40	13.02	13.56	13.68	15.16	17.37	18.49	19.26
MIN	12.51	12.20	11.80	11.95	12.20	12.43	13.04	13.59	13.66	15.25	17.42	18.52
WTR YR 1982	MEAN	14.04	MAX	19.26	SEP 30	MIN	11.80	DEC 24	AND OTHERS			

NOTE.--Record estimated Nov. 18 to Jan. 6.

WATER RESOURCES DATA FOR FLORIDA, 1982
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KEY TO SITE LOCATIONS ON FIGURE 9

HIGHLANDS COUNTY

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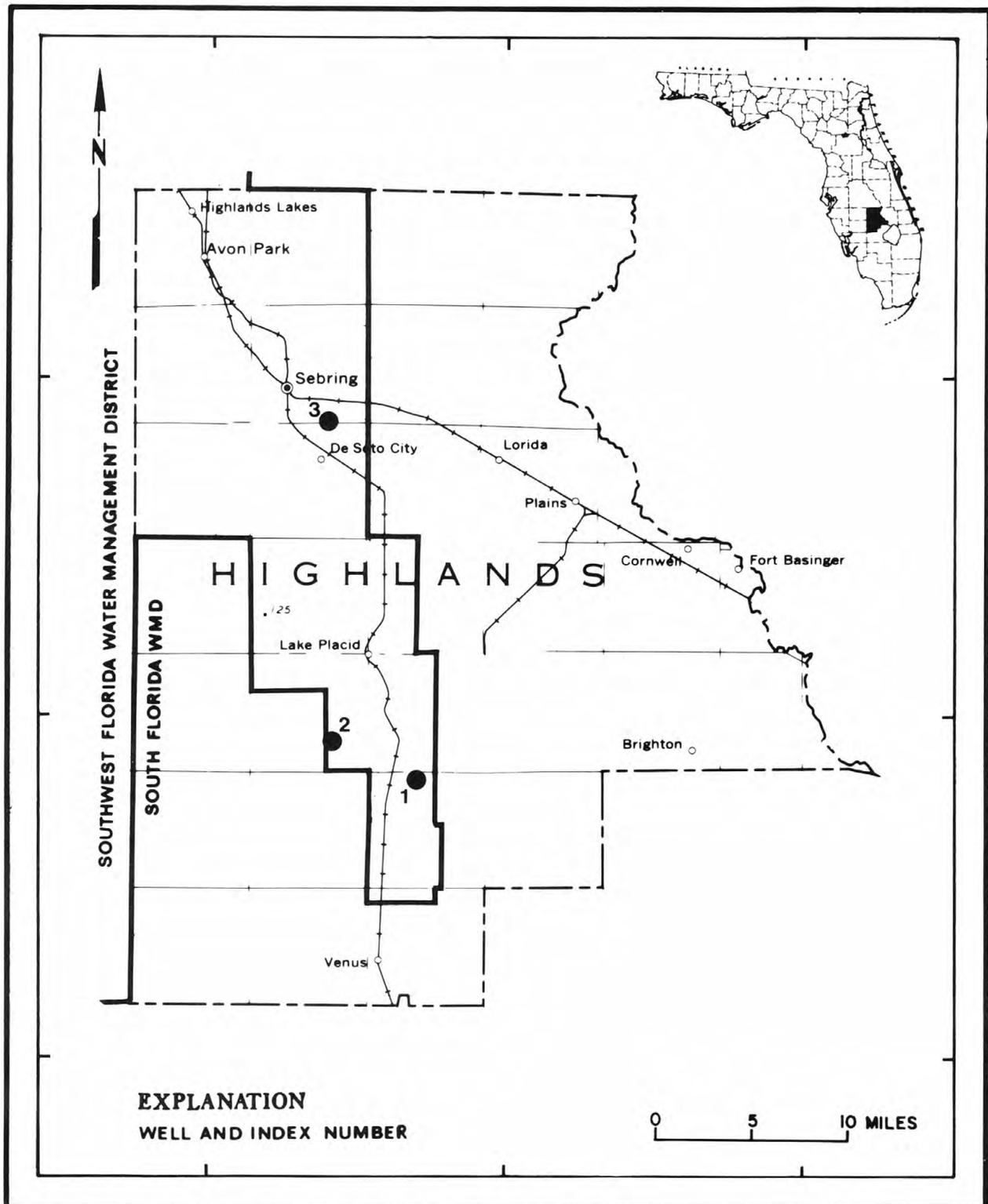


Figure 9. Location of wells in Highlands County.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HIGHLANDS COUNTY

WELL NUMBER.--271226081194301. Bairs Den Well near Lake Placid, FL.

LOCATION.--Lat 27°12'26", long 81°19'43", in NE¼NW¼ sec.4, T.38 S., R.30 E., Hydrologic Unit 03090101, 600 ft (180 m) south of intersection State Highway 70 and U. S. Highway 27, and 6.9 mi (11.1 km) south of Lake Placid.

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 35 ft (11 m), cased to 28 ft (9 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.40 ft (1.04 m) above land-surface datum. Prior to Jan. 14, 1981, 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.

PERIOD OF RECORD.--September 1948 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1979, published as Observation Well H14A near Lake Placid.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 128.49 ft (39.16 m) NGVD, Oct. 2, 1979; lowest, 113.93 ft (34.73 m) NGVD, May 28-30, 1977.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	120.15	119.79	119.40	118.98	118.57	118.24	119.09	119.21	119.53	122.18	123.15	123.21
10	120.10	119.71	119.34	118.92	118.51	118.24	119.10	119.26	120.68	122.19	123.19	123.27
15	120.08	119.65	119.27	118.85	118.44	118.21	119.02	119.24	120.83	122.16	123.10	123.38
20	120.01	119.60	119.21	118.78	118.39	118.17	118.93	119.14	121.16	122.43	123.13	123.40
25	119.93	119.53	119.14	118.70	118.34	118.13	118.92	119.10	121.82	122.65	123.23	123.40
EOM	119.85	119.46	119.05	118.62	118.30	118.76	119.07	119.28	122.10	122.88	123.26	123.41
MEAN	120.04	119.65	119.26	118.83	118.46	118.24	119.01	119.19	120.84	122.37	123.16	123.33
MAX	120.15	119.83	119.45	119.04	118.61	118.76	119.10	119.28	122.10	122.88	123.26	123.41
MIN	119.85	119.46	119.05	118.62	118.30	118.11	118.90	119.09	119.32	122.13	122.96	123.17
WTR YR 1982	MEAN	120.21	MAX	123.41	SEP 26	AND OTHERS	MIN	118.11	MAR 27			

WELL NUMBER.--271559081242501. Lake Groves Road Well near Lake Placid, FL.

LOCATION.--Lat 27°15'59", long 81°24'25", in NW¼NE¼ 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.--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 23 ft (7 m), cased to 13 ft (4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 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. Prior to October 1979, published as Observation Well H440A near Lake Placid.

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	110.95	110.21	109.74	109.33	108.95	108.68	110.21	110.85	111.95	112.49	113.00	112.78
10	110.75	110.11	109.66	109.31	108.89	109.56	110.07	110.65	111.82	112.63	112.67	113.33
15	110.65	110.06	109.58	109.26	108.83	109.56	109.99	110.44	111.53	112.37	112.87	113.14
20	110.52	109.98	109.50	109.15	108.82	109.45	109.92	110.27	113.37	112.54	114.18	112.78
25	110.40	109.90	109.44	109.10	108.77	109.34	110.91	110.36	113.32	112.77	113.31	113.17
EOM	110.29	109.82	109.37	109.01	108.74	110.27	111.01	111.74	112.82	113.33	112.93	113.29
MEAN	110.63	110.05	109.57	109.21	108.87	109.39	110.37	110.71	112.38	112.71	113.29	113.15
MAX	111.09	110.27	109.80	109.36	109.00	110.27	111.01	111.74	113.38	113.60	114.72	113.97
MIN	110.29	109.82	109.37	109.01	108.74	108.68	109.90	110.23	111.47	112.37	112.67	112.71
WTR YR 1982	MEAN	110.87	MAX	114.72	AUG 18	MIN	108.68	MAR 5				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HIGHLANDS COUNTY

WELL NUMBER.--271712081215801. Lake Sirena Well at Lake Placid, FL.

LOCATION.--Lat 27°17'11", long 81°22'03", in NW¼SW¼ sec.6, T.37 S., R.30 E., Hydrologic Unit 03090101, on east shore of Lake Sirena, and 0.8 mi (1.3 km) south of Lake Placid.

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 1,680 ft (512 m), cased to 750 ft (229 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 0.75 in (2 cm) nipple in pump base, 2.0 ft (0.6 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 public supply well.

PERIOD OF RECORD.--September 1975 to September 1979 (quarterly), incomplete; October 1979 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 76.60 ft (23.35 m) NGVD, Sept. 15, 1975; lowest measured, 65.44 ft (19.95 m) NGVD, May 7, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV 12...	1305	71.52	MAY 11...	1730	68.91
JAN 13...	1130	71.48	JUL 14...	1735	73.95
MAR 10...	1555	70.31	SEP 14...	1457	75.33
APR 28...	1530	72.51			

WELL NUMBER.--272746081232701. Sebring Well 412 near Sebring, FL.

LOCATION.--Lat 27°27'46", long 81°23'27", in NW¼SE¼ sec.2, T.35 S., R.29 E., Hydrologic Unit 03090101, on south side of State Highway 632, 0.9 mi (1.4 km) east of State Highway 17, and 4.0 mi (6.4 km) southeast of Sebring.

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 45 ft (14 m), cased to 41 ft (12 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.92 ft (1.19 m) above land-surface datum. Prior to Jan. 13, 1981, top of casing, 3.80 ft (1.16 m) above land-surface datum.

DATUM.--Land-surface datum is 117.80 ft (35.91 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1948 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1979, published as Observation Well H10 near Sebring.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 94.53 ft (28.81 m) NGVD, Sept. 17, 1960; lowest, 82.13 ft (25.03 m) NGVD, June 11, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	85.28	84.82	84.46	83.91	83.47	83.32	83.89	84.71	85.37	88.36	88.11	88.41
10	85.27	84.77	84.29	83.87	83.47	83.31	84.16	84.73	86.18	88.43	88.04	88.36
15	85.27	84.73	84.06	83.70	83.44	83.49	84.32	84.74	86.52	88.41	88.07	88.45
20	84.94	84.68	84.00	83.68	83.41	83.60	84.45	84.51	86.82	88.36	88.22	88.54
25	84.79	84.61	84.00	83.48	83.40	83.51	84.55	84.44	87.81	88.23	88.33	88.63
FOM	84.84	84.54	83.95	83.52	83.35	83.37	84.63	84.60	88.19	88.12	88.40	88.82
MEAN	85.07	84.71	84.16	83.71	83.44	83.41	84.26	84.62	86.58	88.32	88.18	88.50
MAX	85.28	84.84	84.52	83.94	83.51	83.61	84.63	84.75	88.19	88.44	88.40	88.82
MIN	84.76	84.54	83.95	83.44	83.35	83.22	83.47	84.37	84.67	88.12	88.00	88.36
WTR YR 1982	MEAN	85.42	MAX	88.82	SEP 30	MIN	83.22	MAR 29				

WATER RESOURCES DATA FOR FLORIDA, 1982
VOLUME 3B: SOUTHWEST FLORIDA

KEY TO SITE LOCATIONS ON FIGURE 10

HILLSBOROUGH COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER	INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	274031082150401	79	31	280116082210101	115
2	274114082303701	79	32	280122082214701	115
3	274240082212701	80	33	280142082195901	116
3	274240082212702	80	33	280142082210901	116
3	274240082212703	81	33	280144082212201	117
4	274421082275401	81	34	280145082132501	117
5	274427082083701	82	35	280148082203801	118
5	274427082083702	82	35	280203082202301	118
5	274427082083703	83	36	280309082280301	119
6	274428082251501	83	37	280229082200201	119
6A	274503082252001	84	37	280230082205601	120
7	274546082151401	84	37	280241082231401	121
8	274722082200701	85	37	280243082203701	121
9	274837082232901	85	37	280320082203801	122
10	275130082194501	86	37	280320082203802	122
11	275152082035801	86	38	280352082210201	123
12	275215082201901	87	39	280354082381801	123
13	275337082155401	87	40	280414082195201	124
14	275402082222701	88	40	280446082302501	124
14	275402082222702	88	40A	280503082143701	125
14A	275429082093901	89	40A	280503082143702	126
15	275627082150801	90	41	280504082365501	127
15	275653082231101	90	42	280548082355701	127
17	275705082222001	91	43	280550082202901	128
18	275724082221001	91	44	280550082355002	128
18	275725082221101	92	45	280605082184101	129
18	275728082222801	92	45	280605082184102	129
19	275802082044701	93	46	280607082353001	130
20	275814082214001	93	47	280612082200802	130
21	275817082325001	94	48	280627082200801	131
21	275817082325002	94	48	280627082200802	131
22	275843082222201	95	48	280631082193802	132
23	275846082210401	95	49	280631082203302	132
23	275856082210301	96	49	280639082211001	133
23	275858082215201	96	49	280642082195801	133
24	275906082203901	97	50	280649082191402	134
24	275906082204901	97	51	280651082202502	134
24	275906082205601	98	51	280651082204302	135
24	275906082205901	98	52	280652082195101	135
24	275906082211001	99	52	280655082193001	136
24	275906082211002	99	52	280655082193002	136
24	275906082212001	100	54	280659082294302	137
25	275910082213601	101	55	280702082302801	137
25	275913082220801	102	56	280703082341701	138
27	280012082204901	102	58	280728082301101	138
27	280022082205401	103	58	280732082305801	139
27	280022082210501	103	59	280739082294202	139
28	280030082190801	104	60	280740082271001	140
28	280033082200501	105	60	280740082271002	140
28	280035802181001	105	61	280752082182701	141
29	280038082340201	106	63	280802082085801	141
28	280044082212601	106	64	280833082343601	142
29	280053082350201	107	64	280839082385001	142
29	280053082350202	107	65	280852082135601	143
28	280055082203801	108	66	280859082293601	144
28	280055082222701	108	66	280859082291602	144
30	280056082363701	109	67	280901082310404	145
28	280058082202201	110	68	280915082382801	145
28	280058082202202	110	69	280916082310502	146
31	280103082210901	111	69	280917082312301	146
31	280105082222801	111	70	280920082322101	147
31	280112082270101	112	71	280944082380501	147
31	280116082201501	112	70	280946082310403	148
31	280116082202601	113	72	280949082384001	148
31	280116082205301	114	72	280956082381801	149
			72	281017082380902	150
			72	281017082380903	150
			73	281019082310701	151
			74	281022082385501	151

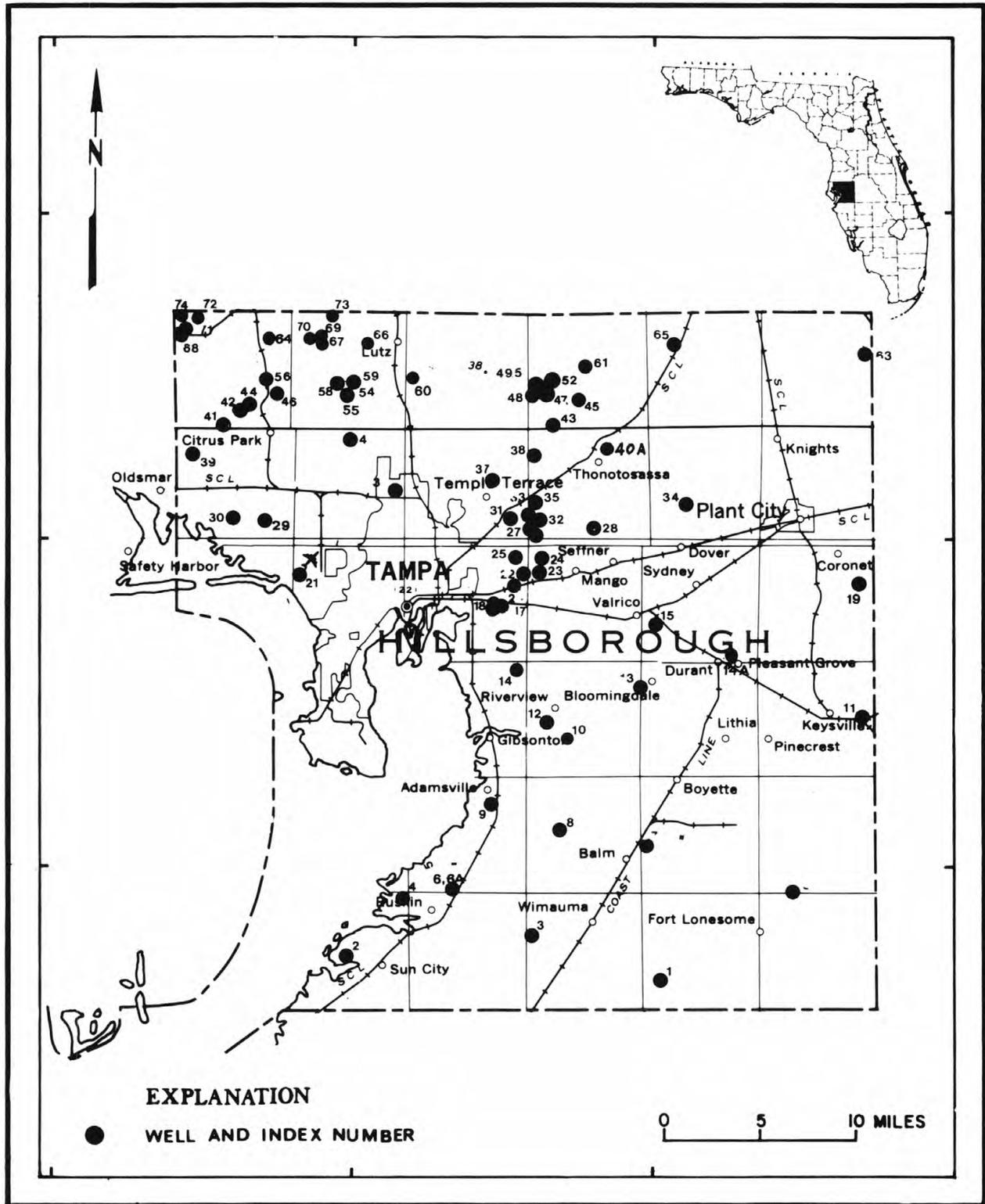


Figure 10. Location of wells in Hillsborough County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--274031082150401. ROMP 123 Deep Well 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, 2.30 ft (0.70 m) above land-surface datum.

DATUM.--Land-surface datum is 51.98 ft (15.84 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1979, land-surface datum was considered to be 52 ft (16 m), from topographic map. See PERIOD OF RECORD.

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

PERIOD OF RECORD.--June 1977 to current year. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1979, 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.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 33.16 ft (10.11 m) NGVD, Aug. 21, 1982; lowest, 18.49 ft (5.64 m) below NGVD, May 21, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	22.27	11.15	10.20	14.96	9.59	7.56	10.33	5.32	13.10	26.60	32.36	26.49
10	19.11	11.31	6.10	17.00	5.19	11.88	7.78	2.56	16.10	27.70	32.73	28.23
15	16.95	12.66	8.94	11.08	4.41	12.57	7.26	-0.76	18.37	28.80	32.84	28.14
20	14.00	11.15	2.88	13.41	10.08	7.79	4.22	-3.87	20.99	29.90	33.04	25.99
25	12.07	9.46	8.67	12.61	9.86	6.58	2.90	1.09	23.09	30.80	32.17	28.26
EOM	11.42	8.43	13.60	11.77	9.35	10.93	6.65	8.63	25.07	31.60	30.22	29.51
MEAN	16.56	10.92	8.62	13.86	8.19	9.50	6.62	2.04	18.43	28.91	32.33	27.83
MAX	24.32	12.80	13.60	17.10	11.87	13.07	11.39	8.63	25.07	31.60	33.16	29.51
MIN	11.10	7.92	2.88	11.08	3.64	6.08	.32	-4.95	9.67	25.33	30.22	25.81
WTR YR 1982	MEAN	15.37	MAX	33.16	AUG 21	MIN	-4.95	MAY 18				

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, 15 ft (5 m) north of 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 or tape measured. 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, 1.05 ft (0.32 m) NGVD, May 15, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
JAN			MAY		
04...	1053	13.94	12...	1150	6.58
MAR			JUL		
08...	1030	11.89	22...	1115	9.59
APR					
29...	1135	10.96			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--274240082212701. ROMP 50 Floridan Well 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. Prior to October 1979, published as ROMP Deep Well No. 50 near Wimauma.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.61 ft (6.59 m) NGVD, Oct. 1, 1979; lowest, 17.27 ft (5.26 m) below NGVD, May 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.00	4.23	4.73	10.53	5.31	2.80	5.40	.32	10.73	17.87	21.10	12.44
10	8.10	3.26	3.94	10.04	3.52	8.78	3.45	-2.10	11.91	18.07	20.61	17.22
15	5.21	5.26	3.57	7.58	.57	7.35	2.14	-6.25	12.76	18.73	21.12	17.18
20	3.73	4.36	4.61	10.15	7.57	1.15	-2.00	-7.91	15.07	19.77	21.21	13.98
25	3.31	2.40	4.80	9.67	5.12	1.54	-2.22	-1.36	16.56	20.45	20.17	17.75
EOM	3.80	1.98	9.49	7.06	5.36	7.84	3.97	6.99	17.19	20.74	15.74	18.49
MEAN	6.33	3.96	4.61	9.16	4.78	4.90	2.01	-1.91	13.42	19.08	20.24	16.00
MAX	13.07	5.77	9.49	10.81	8.10	9.06	8.03	6.99	17.19	20.74	21.41	18.65
MIN	1.74	1.95	1.83	5.42	.57	.50	-5.23	-8.52	7.92	17.07	15.74	12.44
WTR YR 1982	MEAN	8.57	MAX	21.41	AUG 23	MIN	-8.52	MAY 22				

WELL NUMBER.--274240082212702. ROMP 50 Shallow Well 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	41.76	41.21	41.42	41.64	41.45	41.71	41.73	41.54	42.17	41.91	42.13	41.83
10	41.48	41.45	41.22	41.47	41.41	42.09	41.51	41.35	41.72	41.71	41.97	42.51
15	41.32	41.35	41.43	41.97	41.69	41.79	41.51	41.13	41.68	41.88	42.06	41.93
20	41.23	41.27	41.32	41.61	42.04	41.59	41.32	40.98	42.70	42.60	42.51	42.14
25	41.24	41.11	41.25	41.89	41.69	41.82	41.43	41.81	42.61	42.56	41.89	42.45
EOM	41.24	41.07	41.53	41.56	41.59	42.15	41.93	42.87	41.94	42.50	41.54	42.25
MEAN	41.39	41.24	41.36	41.64	41.67	41.88	41.65	41.59	42.28	42.17	42.07	42.27
MAX	41.76	41.52	41.69	41.98	42.42	42.55	42.33	42.87	43.51	42.82	42.51	43.16
MIN	41.19	41.07	41.07	41.36	41.38	41.48	41.22	40.92	41.61	41.61	41.54	41.46
WTR YR 1982	MEAN	41.77	MAX	43.51	JUN 18	MIN	40.92	MAY 22				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--274240082212703. ROMP 50 Avon Park Well 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.--Avon Park formation of Eocene Age, Geologic Unit 124 AVPK.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 1,430 ft (436 m), cased to 1,393 ft (425 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.90 ft (1.49 m) above land-surface datum.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.95 ft (4.56 m) NGVD, Aug. 23, 24, 1982; lowest, 13.05 ft (3.98 m) below NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
5	8.75	3.93	3.42	6.68	4.33	2.67	4.47	1.43	6.10	10.66	14.05	10.77	
10	7.61	3.35	3.47	7.01	2.96	5.17	1.90	-0.91	6.70	11.07	13.98	12.40	
15	5.60	4.59	2.31	4.43	1.66	5.50	2.91	-2.85	6.94	11.66	14.49	13.27	
20	4.13	4.25	3.83	6.55	4.65	2.37	.03	-4.17	8.38	12.48	14.71	11.31	
25	3.23	2.93	2.86	6.33	4.90	1.02	-2.34	-3.92	9.37	13.06	14.87	13.11	
EOM	3.93	2.19	5.89	5.29	3.71	4.55	2.28	3.10	10.17	13.46	12.56	14.04	
MEAN	5.94	3.77	3.30	6.19	3.78	3.50	1.79	-1.28	7.51	11.89	14.16	12.39	
MAX	10.32	4.60	5.89	7.06	5.43	5.86	5.09	3.10	10.17	13.46	14.95	14.04	
MIN	3.15	2.19	2.08	4.37	1.52	1.02	-2.37	-4.98	3.80	10.19	12.56	10.41	
WTR YR 1982	MEAN	6.10	MAX	14.95	AUG 23 AND OTHERS			MIN	-4.98	MAY 23			

WELL NUMBER.--274421082275401. ROMP 9-1 Transect Deep Well 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, 8.90 ft (2.71 m) above land-surface datum. Prior to Mar. 6, 1978, hole in cap, 8.8 ft (2.7 m) above land-surface datum.

DATUM.--Land-surface datum is 3.86 ft (1.18 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1979, land-surface datum was considered to be 4 ft (1.2 m), from topographic map. See PERIOD OF RECORD.

PERIOD OF RECORD.--October 1976 to current year (monthly). The figures of water level as elevation in feet NGVD, prior to Oct. 1, 1979, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +0.26 ft (0.08 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.51 ft (4.42 m) NGVD, Aug. 31, 1981; lowest measured, 3.12 ft (0.95 m) NGVD, May 20, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			APR		
05...	0935	10.24	29...	1345	10.28
NOV			MAY		
05...	1340	9.15	12...	1115	8.29
DEC			JUN		
07...	0929	9.65	04...	1140	12.54
JAN			JUL		
04...	1019	12.20	14...	1325	13.54
FEB			AUG		
09...	0929	9.61	10...	0923	13.45
MAR			SEP		
08...	1100	10.49	07...	1155	11.85
30...	0955	10.71	15...	1442	13.43

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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.--Tape measured. Measuring point: Top of 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 September 1981; October 1981 to September 1982 (bimonthly). Prior to October 1977, published as ROMP Deep Well No. 48 near Ft. Lonesome.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.64 ft (16.04 m) NGVD, Aug. 31, 1982; lowest daily maximum water level, 5.71 ft (1.74 m) NGVD, May 24, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
07...	1240	41.32	12...	1340	29.33
NOV			JUL		
04...	1205	35.00	12...	1235	45.83
JAN			AUG		
05...	1004	32.03	31...	1555	52.64
MAR			SEP		
10...	1120	28.87	15...	0911	51.62
APR					
29...	1025	29.57			

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	96.02	94.88	93.65	92.83	92.37	92.10	93.26	92.48	93.10	94.65	95.28	94.39
10	95.73	94.65	93.47	92.73	92.34	93.01	93.14	92.32	93.09	95.08	95.09	94.41
15	95.94	94.45	93.30	92.69	92.24	93.13	92.99	92.13	92.93	95.06	94.98	94.22
20	95.62	94.22	93.15	92.59	92.29	93.06	92.79	91.96	94.54	94.94	95.07	94.00
25	95.36	94.02	93.02	92.55	92.20	92.92	92.58	92.08	94.73	95.54	94.98	94.52
EOM	95.09	93.79	92.93	92.45	92.16	93.22	92.66	92.68	94.88	95.52	94.66	95.35
MEAN	95.70	94.42	93.31	92.66	92.30	92.83	92.95	92.26	93.72	95.10	95.05	94.48
MAX	96.27	95.06	93.77	92.91	92.44	93.22	93.28	92.68	94.93	95.60	95.48	95.35
MIN	95.09	93.79	92.93	92.45	92.16	92.10	92.58	91.89	92.80	94.65	94.66	94.00
WTR YR 1982	MEAN	93.74	MAX	96.27	OCT 1	MIN	91.89	MAY 22				

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, 50.88 ft (15.51 m) NGVD, Aug. 26, 1982; lowest, 3.60 ft (1.10 m) NGVD, May 24, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	39.93	32.79	29.97	30.49	28.03	25.96	28.01	28.59	29.79	41.79	48.89	49.84
10	38.55	32.65	29.83	30.69	26.86	27.23	28.32	28.06	31.32	43.40	49.49	49.66
15	38.28	32.21	29.20	29.04	24.84	28.62	29.30	25.82	32.92	44.35	49.87	49.58
20	37.06	32.06	28.71	29.89	26.35	27.43	28.16	23.79	35.62	45.90	50.22	48.79
25	35.28	30.90	28.32	29.16	26.63	27.47	26.28	24.02	38.14	46.89	50.86	49.20
EOM	33.18	30.58	30.71	28.72	26.38	27.64	27.94	26.86	40.26	47.99	50.64	49.90
MEAN	37.56	31.92	29.48	29.70	26.62	27.27	27.90	26.25	33.78	44.63	49.88	49.54
MAX	40.93	33.07	30.71	30.80	28.80	28.62	29.30	28.78	40.26	47.99	50.88	50.55
MIN	33.18	30.43	27.90	28.57	24.84	25.87	26.17	22.91	27.37	40.59	48.22	48.79
WTR YR 1982	MEAN	34.60	MAX	50.88	AUG 26	MIN	22.91	MAY 23				

WELL NUMBER.--274428082251501. ROMP 9-3 Transect Shallow Well 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 shelter floor, 3.89 ft (1.19 m) above land-surface datum. Prior to July 28, 1980, top of coupling, 2.8 ft (0.9 m) above land-surface datum; July 28, 1980, to Sept. 28, 1982, top of casing, 2.64 ft (0.80 m) above land-surface datum.

DATUM.--Land-surface datum is 6.57 ft (2.00 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1981, land-surface datum was considered to be 8 ft (2.4 m), from topographic map. See PERIOD OF RECORD.

PERIOD OF RECORD.--October 1976 to current year (monthly). The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1981, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -1.23 ft (0.37 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.96 ft (1.82 m) corrected, NGVD, Mar. 10, 1978; lowest, 3.44 ft (1.05 m) corrected, below NGVD, May 20, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
05...	0924	2.90	29...	1215	1.11
NOV			MAY		
06...	0835	1.27	12...	1105	-0.78
DEC			JUN		
07...	0915	0.42	04...	1150	2.93
JAN			JUL		
04...	0954	2.77	22...	1139	4.94
FEB			AUG		
09...	0918	1.58	10...	0933	4.70
MAR			SEP		
08...	1122	3.01	07...	1055	3.52
10...	1315	3.13	15...	1454	3.88
10...	0942	2.90	28...	1520	5.14

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--274503082252001. Dickman Well near Ruskin, FL.

LOCATION.--Lat 27°45'25", long 82°25'02", in NW¼NW¼ sec.33, T.31 S., R.19 E., Hydrologic Unit 03100206, 0.2 mi (0.3 km) west of U. S. Highway 41, and 2.3 mi (3.7 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 536 ft (163 m), cased to 37 ft (11 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 14.60 ft (4.45 m) above land-surface datum.

DATUM.--Land-surface datum is 7.30 ft (2.23 m) National Geodetic Vertical Datum of 1929.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.18 ft (4.02 m) NGVD, Aug. 21, 1982; lowest, 6.70 ft (2.04 m) below NGVD, May 22, 23, 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.97	5.24	-2.50	8.84	7.10	5.43	6.05	4.28	9.42	11.89	9.17	7.48
10	1.33	3.42	-0.30	8.42	5.75	8.49	5.79	2.71	9.63	12.10	12.77	10.60
15	.07	-0.30	-2.40	6.40	3.93	6.57	4.80	.40	9.92	12.22	12.21	6.15
20	-1.61	4.30	-0.10	9.30	8.30	4.70	2.60	-1.09	11.26	12.73	13.17	8.78
25	4.50	-1.04	-1.70	8.90	6.48	4.84	1.00	3.39	11.52	10.98	6.88	7.98
EOM	3.42	-3.20	2.90	6.70	6.13	7.93	5.61	7.87	11.30	12.88	4.96	6.92
MEAN	2.23	.68	-1.08	7.97	6.47	6.05	4.48	2.73	10.36	11.98	10.57	8.11
MAX	8.21	5.38	2.90	9.30	8.50	8.58	7.81	7.87	11.72	12.88	13.18	11.57
MIN	-1.61	-3.30	-3.00	4.00	3.93	2.84	.20	-1.77	8.31	10.55	4.96	3.45
WTR YR 1982	MEAN	5.87	MAX	13.18	AUG 21	MIN	-3.30	NOV 29				

WELL NUMBER.--274546082151401. ROMP 49 Deep Well 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, 35.40 ft (10.79 m) NGVD, Aug. 22, 1982; lowest, 16.18 ft (4.93 m) below NGVD, May 22, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.40	13.00	11.79	17.67	12.35	10.85	14.23	7.62	15.95	28.69	34.21	29.12
10	20.63	12.78	10.69	18.03	10.76	14.72	11.03	5.57	18.90	29.96	34.31	30.52
15	18.71	14.54	10.71	14.15	6.89	15.19	11.01	1.40	21.01	30.94	35.01	30.73
20	16.94	13.35	11.13	16.64	12.02	10.32	7.44	-1.40	23.38	32.01	35.35	27.35
25	14.74	9.83	9.58	15.96	12.61	9.38	4.60	3.18	25.46	33.02	34.87	30.37
EOM	13.35	10.36	15.68	15.44	13.15	14.15	9.16	11.29	27.31	33.43	32.64	31.88
MEAN	19.04	12.60	11.25	16.13	11.50	12.56	9.73	4.34	20.96	31.02	34.45	30.00
MAX	29.80	14.83	15.68	18.50	15.21	16.19	15.41	11.29	27.31	33.43	35.40	31.98
MIN	12.32	9.37	8.90	13.22	6.89	9.34	2.78	-1.75	12.33	27.64	32.64	27.35
WTR YR 1982	MEAN	17.85	MAX	35.40	AUG 22	MIN	-1.75	MAY 21				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 3.28 ft (1.00 m) corrected, above land-surface datum. Prior to Mar. 15, 1981, 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. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--December 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, 23.31 ft (7.10 m) NGVD, Jan. 20, 1970; lowest, 8.37 ft (2.55 m) below NGVD, May 28, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.89	7.07	7.25	11.03	7.55	6.03	7.89	3.87	11.89	18.27	21.09	14.72
10	10.22	6.49	6.69	11.56	6.26	9.95	6.30	2.12	12.82	18.59	20.93	17.84
15	7.95	7.87	6.57	9.17	4.69	8.76	5.78	-0.59	13.56	19.24	21.37	17.32
20	6.63	7.34	6.96	11.60	9.11	4.60	2.91	-1.89	15.83	20.06	22.18	15.21
25	6.63	6.28	7.16	11.23	7.79	5.01	2.31	2.19	17.05	20.45	20.61	18.29
EOM	7.06	5.58	10.69	8.94	7.33	9.35	6.66	8.79	17.80	20.80	17.54	19.13
MEAN	8.99	6.86	7.19	10.63	7.37	7.26	5.47	2.30	14.35	19.39	20.73	17.03
MAX	14.71	7.95	10.69	11.82	9.56	10.27	9.63	8.79	17.80	20.80	22.20	19.47
MIN	5.91	5.30	5.17	8.11	4.69	4.23	.48	-2.55	9.54	17.72	17.54	14.72
WTR YR 1982	MEAN	10.65	MAX	22.20	AUG 19	MIN	-2.55	MAY 22				

WELL NUMBER.--274837082232901. Kushner 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, 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), incomplete. 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, 4.13 ft (1.26 m) below NGVD, May 5, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			MAR		
05...	0822	2.10	08...	1152	5.50
NOV			30...	1226	4.57
06...	0751	3.54	APR		
DEC			29...	1500	4.06
07...	0825	1.74	MAY		
JAN			12...	1005	1.26
04...	0847	5.75			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--275130082194501. Rivercrest Well at Riverview, FL.

LOCATION.--Lat 27°51'30", long 82°19'45", in SE¼NW¼ sec.20, T.30 S., R.20 E., Hydrologic Unit 03100204, 500 ft (150 m) north of Gibson 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 recorder shelter floor, 1.09 ft (0.33 m) above land-surface datum. Prior to Sept. 17, 1981, 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; lowest, 3.22 ft (0.98 m) NGVD, May 19, 1981.

ELEVATION (FEET NGVD) * WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.30	10.85	10.20	11.49	11.24	10.73	11.59	10.00	12.32	14.23	15.33	14.21
10	11.75	10.42	10.21	11.57	10.57	11.75	10.61	9.30	12.16	14.39	15.21	14.86
15	11.10	10.76	10.25	10.79	10.10	11.55	10.92	8.04	11.99	14.35	15.70	14.65
20	10.72	11.10	9.34	11.90	11.53	10.42	9.85	7.63	13.81	14.73	15.89	14.38
25	10.05	10.53	10.39	12.06	11.51	9.93	8.98	8.32	14.33	14.79	15.91	15.33
EOM	10.83	10.41	11.57	11.54	11.11	11.43	10.62	11.16	14.21	14.78	15.11	15.46
MEAN	11.29	10.73	10.36	11.56	11.02	10.93	10.47	9.04	12.95	14.50	15.55	14.79
MAX	13.40	11.10	11.57	12.09	11.66	12.00	11.65	11.16	14.36	14.80	16.02	15.63
MIN	9.82	10.29	9.34	10.29	10.10	9.83	8.65	7.32	11.48	14.06	15.01	14.09
WTR YR 1982	MEAN	11.94	MAX	16.02	AUG 22 AND OTHERS			MIN	7.32	MAY 23		

WELL NUMBER.--275152082035801. Edison Junction Well near Keyesville, 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 Keyesville.

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 2 in (5 cm) nipple, 2.68 ft (0.82 m) above land-surface datum. Prior to Nov. 3, 1981, top of 0.75 in (2 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 daily maximum water level, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
DEC 08...	1106	50.69	MAY 12...	1410	50.62
JAN 05...	1222	51.47	JUN 04...	1040	52.45
FEB 10...	1145	46.66	JUL 12...	1330	61.86
MAR 11...	1413	45.99	AUG 05...	1358	65.27
30...	1345	46.98	SEP 03...	0814	67.13
APR 28...	1320	49.92	15...	1157	66.36

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

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 industrial, 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, 0.20 ft (0.06 m) below NGVD, May 20, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
06...	0904	7.48	26...	0800	5.83
NOV			MAY		
03...	0955	7.10	12...	0900	5.38
DEC			JUN		
08...	0915	6.92	04...	0950	8.42
JAN			JUL		
07...	0925	7.96	12...	1412	10.06
FEB			AUG		
10...	0935	6.97	10...	1400	9.91
MAR			SEP		
08...	1254	7.65	14...	1554	9.96
30...	0850	7.03			

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, 8.52 ft (2.60 m) NGVD, May 20, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
07...	0930	14.77	28...	0800	13.07
NOV			MAY		
02...	1510	13.76	12...	1550	11.75
DEC			JUN		
08...	1507	12.96	04...	0930	13.90
JAN			JUL		
08...	1430	12.93	12...	1355	14.90
FEB			AUG		
10...	1334	12.29	10...	1302	14.84
MAR			SEP		
08...	1315	13.60	03...	0844	11.49
30...	1410	13.55	15...	1229	15.03

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--275402082222701. ROMP TR 10-2 Deep 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 (10.0 km) southeast of Tampa.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 125 ft (38 m), cased to 115 ft (35 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 5.52 ft (1.68 m) above land-surface datum.

DATUM.--Land-surface datum is 13.87 ft (4.23 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1979 to current year. Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.53 ft (2.60 m) NGVD, Sept. 26, 1982; lowest, 0.22 ft (0.07 m) NGVD, May 23, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.22	5.73	5.37	6.42	6.04	5.83	5.88	5.39	6.91	7.33	8.32	7.70
10	5.07	5.54	5.37	6.50	5.80	6.04	5.36	5.21	6.48	7.45	7.91	7.50
15	4.56	5.60	5.58	6.20	5.58	5.75	5.50	4.57	6.37	7.37	8.10	7.39
20	4.73	6.01	5.22	6.32	6.38	5.15	5.39	4.23	7.73	7.53	8.10	7.74
25	4.19	5.80	5.45	6.50	6.23	5.06	5.05	4.80	7.68	7.53	8.10	8.29
EOM	5.54	5.67	6.19	6.24	5.97	5.67	5.80	6.22	7.49	7.61	8.10	7.77
MEAN	4.94	5.66	5.51	6.29	6.03	5.61	5.47	5.04	7.06	7.44	8.07	7.77
MAX	5.54	6.01	6.30	6.58	6.52	6.34	5.90	6.22	7.83	7.61	8.37	8.53
MIN	4.19	5.42	5.02	5.91	5.56	5.00	4.78	4.12	6.37	7.24	7.85	7.39
WTR YR 1982	MEAN	6.24	MAX	8.53	SEP 26	MIN	4.12	MAY 22				

NOTE.--Record estimated Aug. 6 to Sept. 14.

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 NRSB.

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.--Water-level recorder. Measuring point: Top of recorder shelter floor, 5.82 ft (1.77 m) above land-surface datum.

DATUM.--Land-surface datum is 13.87 ft (4.23 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1979, land-surface datum was considered to be 15 ft (4.6 m), from topographic map. See PERIOD OF RECORD.

PERIOD OF RECORD.--September 1978 to September 1979 (monthly); October 1979 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1979, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +0.69 ft (0.21 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.06 ft (4.59 m) NGVD, Jan. 8, 1979; lowest daily maximum water level, 9.75 ft (2.97 m) NGVD, May 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.50	11.51	11.17	13.95	12.25	14.13	13.45	11.73	13.98	12.52	13.69	14.00
10	12.00	11.97	10.96	12.63	12.08	14.05	13.90	11.42	12.73	12.24	14.19	14.00
15	11.30	11.56	11.32	14.08	14.20	13.44	13.27	11.11	11.91	11.76	14.10	13.98
20	10.90	11.33	11.18	13.72	14.06	12.64	12.09	10.87	13.84	12.48	14.10	14.22
25	12.90	11.13	11.57	13.05	13.41	14.01	13.15	14.26	14.44	12.17	14.20	14.61
EOM	11.80	11.05	13.40	12.45	13.14	14.11	12.48	14.48	13.57	14.09	14.50	14.07
MEAN	11.96	11.43	11.64	13.30	13.01	13.53	13.15	12.10	13.52	12.75	14.14	14.13
MAX	13.20	12.01	14.17	14.53	14.45	14.69	14.35	14.64	14.48	14.28	14.71	14.67
MIN	10.90	11.05	10.88	12.34	11.99	12.23	11.79	10.81	11.91	11.71	13.60	13.55
WTR YR 1982	MEAN	12.88	MAX	14.71	AUG 8	MIN	10.81	MAY 22				

NOTE.--Record estimated Oct. 8-29, Aug. 11 to Sept. 14.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--275429082093901. ROMP 61 Well at Pleasant Grove, FL.

LOCATION.--Lat 27°54'29", long 82°09'39", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.36, T.29 S., R.21 E., Hydrologic Unit 03100204, 0.6 mi (1.0 km) southeast of gage at Edward Medard Reservoir, and 0.6 mi (1.0 km) northeast of intersection Turkey Creek Road and Durant Road at Pleasant Grove.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 12 in (30 cm), depth 1,000 ft (305 m), cased to 60 ft (18 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.90 ft (1.19 m) above land-surface datum.

DATUM.--Land-surface datum is 71.53 ft (21.80 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 53.01 ft (16.16 m) NGVD, Aug. 28, 29, 1982; lowest, 27.47 ft (8.37 m) NGVD, May 22, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	48.06	41.80	42.56	43.99	42.62	42.00	43.50	43.80	44.26	48.91	52.28	52.62
10	46.75	42.40	42.89	44.49	42.66	42.10	43.41	42.91	44.60	49.85	52.16	52.54
15	45.75	42.50	41.70	40.30	39.10	43.10	44.38	41.35	45.18	50.33	52.35	52.49
20	44.06	43.50	40.80	41.42	40.22	42.50	43.84	39.79	46.51	50.92	52.43	51.97
25	42.30	43.70	38.99	42.93	42.28	43.00	42.00	39.83	47.91	51.36	52.86	52.33
EOM	41.20	43.70	39.02	42.57	42.84	42.00	42.50	42.32	48.69	52.00	52.95	52.79
MEAN	45.08	42.73	41.03	42.40	41.63	42.41	43.15	41.48	45.82	50.39	52.48	52.48
MAX	48.60	43.80	43.50	44.57	42.84	43.40	44.38	43.90	48.69	52.00	53.01	52.96
MIN	41.20	41.00	37.71	39.70	39.10	41.50	41.80	38.96	42.70	48.68	52.09	51.95
WTR YR 1982	MEAN	45.11	MAX	53.01	AUG 28 AND OTHERS			MIN	37.71	DEC 22		

NOTE.--Record estimated Oct. 25 to Dec. 2, Dec. 13-14, Dec. 26 to Jan. 5, Mar. 1 to Apr. 6, Apr. 22 to May 6.

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 daily maximum water level, 23.40 ft (7.13 m) estimated, NGVD, Oct. 4, 1979; lowest, 10.87 ft (3.31 m) NGVD, May 19, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.91	16.80	15.82	15.60	15.16	15.47	15.91	15.18	16.35	17.12	17.73	17.62
10	17.66	16.50	15.77	15.60	15.06	16.21	15.87	14.90	15.65	17.55	17.49	17.97
15	17.55	16.40	15.46	15.13	14.83	15.97	15.91	14.29	15.45	17.48	17.62	17.95
20	17.09	16.80	14.65	15.32	15.71	15.50	15.41	13.96	17.94	17.56	17.95	17.66
25	15.60	16.30	15.06	15.42	15.52	15.38	15.37	14.56	17.74	17.66	18.12	18.36
EOM	16.60	16.30	15.55	15.18	15.45	16.12	15.75	15.73	17.37	17.90	18.02	19.21
MEAN	17.16	16.55	15.44	15.39	15.29	15.73	15.74	14.77	16.61	17.50	17.86	18.06
MAX	18.13	16.80	16.20	15.70	15.73	16.23	16.18	15.73	18.06	17.90	18.21	19.21
MIN	15.60	16.30	14.65	15.13	14.83	15.30	15.11	13.93	15.45	17.11	17.49	17.59
WTR YR 1982	MEAN	16.35	MAX	19.21	SEP 29 AND OTHERS	MIN	13.93	MAY 22				

NOTE.--Record estimated Oct. 22 to Dec. 3, Jan. 5-12.

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 September 1982 (bimonthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.96 ft (2.12 m) NGVD, Oct. 31, 1979; lowest measured, 3.84 ft (1.17 m) NGVD, Dec. 14, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
DEC			JUN		
03...	1108	5.47	15...	0940	6.35
MAR			AUG		
09...	1006	5.39	10...	1305	6.41
APR			SEP		
05...	0810	5.85	15...	0930	6.78
MAY					
12...	1345	5.77			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--275705082222001. ROMP TR 11-2 Well near Tampa, FL.

LOCATION.--Lat 27°57'05", long 82°22'20", in NE¼NE¼ sec.23, T.29 S., R.19 E., Hydrologic Unit 03100206, 100 ft (30 m) east of Tampa Bypass Canal, 100 ft (30 m) south of State Highway 60, at southeastern city limits of Tampa.

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

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, 8.00 ft (2.44 m) above land-surface datum.

DATUM.--Land-surface datum is 14.22 ft (4.33 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.89 ft (4.54 m) NGVD, Sept. 27, 1982; lowest, 9.60 ft (2.93 m) NGVD, May 19, 20, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.72	13.33	12.71	12.96	12.76	12.86	13.15	12.47	13.38	13.79	14.03	14.00
10	13.57	13.22	12.56	13.17	12.77	13.17	12.97	12.54	12.98	13.97	13.97	14.01
15	13.25	13.33	12.69	12.88	12.62	13.12	12.91	12.07	13.02	13.79	14.34	13.99
20	13.21	13.18	12.50	12.80	13.20	12.74	12.56	11.76	14.04	13.84	14.17	14.16
25	13.38	12.88	12.81	13.04	12.93	12.85	12.85	12.15	13.87	13.97	14.16	14.65
EOM	13.22	12.99	12.95	13.13	13.15	13.04	12.71	13.07	13.67	14.00	13.93	14.69
MEAN	13.41	13.18	12.71	13.00	12.90	12.94	12.86	12.29	13.47	13.84	14.17	14.21
MAX	13.82	13.43	13.08	13.44	13.31	13.48	13.23	13.07	14.09	14.00	14.46	14.89
MIN	13.10	12.88	12.43	12.67	12.61	12.59	12.30	11.75	12.91	13.43	13.93	13.88
WTR YR 1982	MEAN	13.25	MAX	14.89	SEP 27	MIN	11.75	MAY 21				

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.83	13.40	12.94	13.09	12.96	12.94	13.40	13.40	13.49	13.93	14.16	14.17
10	13.70	13.29	12.61	13.27	13.05	13.37	13.22	13.10	13.06	14.12	14.09	14.24
15	13.44	13.50	12.82	13.08	12.86	13.32	13.08	12.37	13.10	13.94	14.44	14.09
20	13.34	13.20	12.71	13.02	13.36	13.00	13.30	12.06	14.08	13.86	14.15	14.29
25	13.56	13.02	13.07	13.21	13.12	13.10	13.50	12.37	13.88	14.09	14.24	14.78
EOM	13.44	13.14	13.14	13.34	13.37	13.30	13.60	13.37	13.77	14.16	14.02	14.78
MEAN	13.57	13.31	12.86	13.17	13.11	13.16	13.30	12.77	13.56	13.95	14.27	14.32
MAX	14.00	13.53	13.27	13.54	13.45	13.72	13.60	13.60	14.08	14.16	14.60	15.09
MIN	13.25	13.02	12.56	12.85	12.86	12.53	12.96	11.96	13.06	13.61	14.02	13.97
WTR YR 1982	MEAN	13.45	MAX	15.09	SEP 27	MIN	11.96	MAY 21				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

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 September 1982 (bimonthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.83 ft (5.13 m) NGVD, Oct. 29, 1979; lowest measured, 11.12 ft (3.39 m) NGVD, May 21, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
30...	1200	15.11	12...	1045	13.95
DEC			JUN		
07...	0845	14.68	09...	1335	14.77
JAN			AUG		
12...	1545	14.68	10...	0830	15.87
MAR			SEP		
02...	0845	14.72	15...	1010	15.91
APR					
05...	1449	14.99			

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, 20.00 ft (6.10 m) Oct. 31, 1979; lowest daily maximum water level, 12.11 ft (3.69 m) NGVD, Feb. 15, 1968.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
DEC			MAY		
03...	1100	18.39	12...	1215	17.91
JAN			JUN		
18...	0905	18.64	15...	0830	18.52
MAR			AUG		
02...	0946	18.48	10...	1205	19.56
APR			SEP		
05...	1500	18.84	15...	0955	19.53

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

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, 60 ft (18 m) north 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.--Land-surface datum is 122.60 ft (37.37 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1979, land-surface datum was considered to be 124 ft (38 m), from topographic map. See PERIOD OF RECORD.

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. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1979, 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). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 81.21 ft (24.75 m) NGVD, Nov. 12, 1970; lowest measured, 43.00 ft (13.11 m) NGVD, May 13, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
05...	0838	68.26	05...	0805	63.10
NOV			MAY		
09...	1000	63.82	05...	0926	64.61
DEC			11...	0828	64.09
07...	0907	64.86	JUN		
JAN			07...	0920	67.32
05...	0845	66.28	30...	0929	71.03
FEB			AUG		
01...	0930	63.86	02...	0820	76.33
MAR			SEP		
02...	0905	62.67	14...	1415	77.71

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 (3 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, 14.19 ft (4.33 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
02...	1152	17.78	06...	1110	17.29
NOV			MAY		
03...	1335	17.09	12...	1330	16.18
DEC			JUN		
01...	1242	16.43	10...	1145	16.88
JAN			JUL		
04...	1033	17.18	14...	1220	17.78
FEB			AUG		
09...	1058	16.74	11...	1200	17.80
MAR			SEP		
02...	1420	16.99	15...	1305	18.19

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--275817082325001. ROMP TR 12-1 Deep Well 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. Prior to October 1979, published as ROMP Deep Well 64 near Tampa.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.08 ft (2.46 m) NGVD, June 18, 1982; lowest, 4.39 ft (1.34 m) NGVD, Jan. 13, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.87	6.03	4.97	5.29	6.14	6.08	5.82	4.98	6.39	6.23	6.42	5.77
10	5.93	6.02	5.68	5.98	6.82	5.48	5.44	5.28	5.71	6.41	6.29	6.48
15	5.15	6.05	6.35	5.84	6.21	5.78	5.60	4.86	5.57	6.16	6.76	6.32
20	5.27	6.08	5.96	5.97	6.28	5.52	5.32	5.07	6.76	6.72	6.64	6.32
25	6.00	5.81	6.06	5.88	5.69	5.82	6.08	5.81	6.36	6.14	6.00	6.56
EOM	5.31	5.77	6.18	6.21	5.74	5.85	5.26	5.77	5.96	6.32	5.71	6.47
MEAN	5.71	5.83	5.88	5.84	6.27	5.68	5.65	5.33	6.21	6.28	6.41	6.34
MAX	6.09	6.62	6.77	6.37	7.04	6.70	6.37	6.03	8.08	6.72	7.09	6.99
MIN	5.15	5.09	4.97	5.19	5.33	4.93	4.95	4.79	5.55	5.93	5.71	5.72
WTR YR 1982	MEAN	5.95	MAX	8.08	JUN 18	MIN	4.79	MAY 16				

WELL NUMBER.--275817082325002. ROMP TR 12-1 Shallow Well 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 NRSB.

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 coupling, 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. Prior to October 1979, published as ROMP Shallow Well 64 near Tampa.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.80 ft (2.07 m) NGVD, May 8, 1979; lowest, 1.82 ft (0.55 m) NGVD, May 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.48	2.82	2.63	3.93	3.71	3.38	3.23	2.63	4.48	3.40	3.92	3.36
10	3.45	2.87	2.55	3.48	3.41	3.68	3.39	2.45	3.57	4.99	5.64	4.67
15	3.08	2.68	3.31	4.62	3.48	3.37	3.30	2.27	3.48	5.59	4.39	3.76
20	2.94	2.81	2.98	3.73	3.80	3.09	2.90	2.22	4.15	4.88	4.74	3.82
25	2.89	2.68	3.14	3.64	3.46	3.55	3.10	3.28	5.04	4.03	3.84	4.59
EOM	2.84	2.64	3.78	3.34	3.40	3.71	3.06	5.65	3.62	4.79	3.72	3.90
MEAN	3.23	2.75	3.11	3.75	3.63	3.57	3.24	2.88	4.25	4.31	4.28	4.20
MAX	4.48	2.92	5.23	5.22	5.11	5.02	4.08	5.65	6.06	5.73	5.64	6.25
MIN	2.84	2.64	2.53	3.34	3.20	3.02	2.70	2.15	3.48	3.32	3.67	3.36
WTR YR 1982	MEAN	3.60	MAX	6.25	SEP 26	MIN	2.15	MAY 22				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (3 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, 19.45 ft (5.93 m) NGVD, Oct. 31, 1979; lowest measured, 14.43 ft (4.40 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT 02...	1130	18.74	MAY 12...	1225	17.10
DEC 03...	1050	17.55	JUN 10...	1050	18.08
JAN 28...	1102	18.00	AUG 11...	1120	17.93
MAR 09...	0946	18.49	SEP 15...	1315	17.99
APR 05...	1510	18.10			

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 (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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT 02...	1203	16.34	MAY 13...	1220	14.93
NOV 30...	1500	15.33	JUN 10...	1245	15.20
JAN 28...	1147	15.19	AUG 11...	1305	15.98
MAR 09...	0856	15.68	SEP 15...	1435	15.99
APR 06...	1300	15.50			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 0.30 ft (0.09 m) above land-surface datum. Prior to May 18, 1981, 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 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
02...	1208	16.02	12...	1230	14.99
NOV			JUN		
30...	1430	15.80	10...	1335	15.80
JAN			AUG		
06...	1340	15.25	11...	1315	16.31
MAR			SEP		
09...	0900	16.20	15...	1440	16.39
APR					
06...	1305	16.08			

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 32.63 ft (9.95 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, and 32.45 ft (9.89 m) NGVD Oct. 1, 1976, to Sept. 30, 1979. 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 September 1981 (bimonthly); October 1981 to September 1982 (monthly), discontinued. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1979, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +1.63 ft (0.50 m) December 1975 to September 1976, and +0.18 ft (0.05 m) October 1976 to September 1979. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.51 ft (8.39 m) NGVD, Aug. 31, 1979; lowest measured, 17.15 ft (5.23 m) NGVD, May 13, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
02...	1140	24.87	05...	1520	23.94
NOV			MAY		
05...	1233	23.66	13...	1300	22.69
DEC			JUN		
01...	1230	22.65	10...	1003	23.39
JAN			JUL		
14...	1126	23.33	14...	1235	25.03
FEB			AUG		
09...	1044	22.79	11...	1150	24.60
MAR			SEP		
03...	0843	23.51	15...	1355	25.08

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (semiannually); November 1976 to September 1977 (monthly), incomplete; October 1977 to September 1982 (bimonthly), discontinued. 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
27...	1220	16.34	13...	1200	15.12
NOV			JUN		
30...	1405	15.64	10...	1400	15.40
JAN			AUG		
28...	1213	15.36	11...	1400	16.42
MAR			SEP		
09...	0833	15.92	15...	1530	16.52
APR					
06...	1335	15.75			

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 downtown post office in 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, 12.59 ft (3.84 m) NGVD, May 25, 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.24	16.73	16.10	16.04	15.85	16.08	16.39	16.03	15.97	16.60	17.00	17.55
10	17.22	16.63	16.05	16.05	15.83	16.48	16.34	15.89	15.97	16.70	17.10	17.59
15	17.11	16.57	15.97	15.98	15.80	16.40	16.36	15.66	16.00	16.60	17.40	17.69
20	16.89	16.47	15.77	15.99	16.14	16.26	16.21	15.48	16.60	16.60	17.63	17.53
25	16.89	16.36	15.79	15.98	16.03	16.23	16.19	15.59	16.60	16.90	17.65	17.93
EOM	16.77	16.25	16.01	15.91	16.06	16.39	16.19	16.02	16.50	17.00	17.67	18.37
MEAN	17.06	16.54	15.98	15.99	15.95	16.29	16.28	15.77	16.23	16.72	17.38	17.74
MAX	17.39	16.78	16.17	16.09	16.18	16.48	16.41	16.16	16.70	17.00	17.72	18.37
MIN	16.76	16.25	15.76	15.87	15.73	16.01	16.08	15.44	15.80	16.50	17.00	17.48
WTR YR 1982	MEAN	16.50	MAX	18.37	SEP 30	MIN	15.44	MAY 22				

NOTE.--Record estimated June 11 to Aug. 17.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 19.08 ft (5.82 m) NGVD, Oct. 29, 1979; lowest measured, 11.21 ft (3.42 m) NGVD, Aug. 1, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
27...	1238	17.00	13...	1238	15.40
NOV			JUN		
30...	1444	16.39	10...	1315	16.17
JAN			AUG		
26...	1152	16.15	11...	1320	16.99
MAR			SEP		
09...	0916	16.66	15...	1455	16.19
APR					
06...	1315	15.50			

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 September 1982 (bimonthly), discontinued. 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
27...	1251	16.94	13...	1233	15.98
NOV			JUN		
30...	1448	16.36	10...	1325	16.23
JAN			AUG		
06...	1419	16.30	11...	1335	17.01
MAR			SEP		
09...	0911	16.66	15...	1450	17.07
APR					
06...	1310	16.51			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 19.16 ft (5.84 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 and 18.94 ft (5.77 m) NGVD Oct. 1, 1976 to Sept. 30, 1979. 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 September 1981 (bimonthly); October 1981 to September 1982 (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, 1979, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -0.44 ft (0.13 m) September 1973 to September 1976, and +0.22 ft (0.07 m) October 1976 to September 1979. Revised records are in files of the Geological Survey.
See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.72 ft (5.71 m) NGVD, Aug. 15, 1974; lowest measured, 9.74 ft (2.97 m) NGVD, Apr. 29, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
02...	1310	16.24	13...	1149	15.41
NOV			JUN		
05...	1422	15.82	10...	1125	15.53
DEC			JUL		
03...	0915	15.46	14...	1240	16.01
22...	1407	15.26	AUG		
JAN			11...	1220	15.91
28...	1309	15.40	SEP		
MAR			15...	1410	15.95
09...	0840	15.93			
APR					
06...	1120	15.79			

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 District 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 September 1982 (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, 18.96 ft (5.78 m) NGVD, Sept. 12, 1973; well observed dry many days in 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
02...	1310	16.71	13...	1152	14.96
DEC			JUN		
03...	0913	15.17	10...	1127	16.28
MAR			AUG		
09...	0738	17.61	11...	1218	17.04
APR			SEP		
06...	1125	16.80	15...	1412	17.21

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 23.75 ft (7.24 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1979, land-surface datum was considered to be 23.90 ft (7.28 m) NGVD. See PERIOD OF RECORD.

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). The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1979, 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, 16.51 ft (5.03 m) NGVD, Sept. 10, 1975; lowest measured, 11.82 ft (3.60 m) NGVD, May 6, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
02...	1300	15.62	13...	1140	14.52
DEC			JUN		
03...	1021	14.70	10...	1115	14.85
JAN			AUG		
28...	1255	14.77	11...	1210	15.34
MAR			SEP		
09...	0825	15.25	15...	1405	15.34
APR					
06...	1130	15.08			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

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 steel plate, 0.52 ft (0.16 m) above land-surface datum. Prior to Jan. 28, 1977, top of casing, 0.5 ft (0.2 m) above land-surface datum; Jan. 28, 1977, to June 25, 1980, top of 0.25 in (0.6 cm) access hole in sanitary seal, 0.5 ft (0.2 m) above land-surface datum; June 25, 1980, to Sept. 17, 1980, top of nipple, 0.96 ft (0.29 m) above land-surface datum; Sept. 17, 1980, to Oct. 7, 1981, top of outer casing, 0.50 ft (0.15 m) above land-surface datum.

DATUM.--Land-surface datum is 25.88 ft (7.89 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1979, land-surface datum was considered to be 25.00 ft (7.62 m) NGVD. See PERIOD OF RECORD.

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 (bi-monthly), 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, 1979, are in error. Correct elevations for data published prior to this date may be obtained by using datum corrections of +1.38 ft (0.42 m) September 1973 to November 1976, and +0.88 ft (0.27 m) January 1977 to September 1979. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.53 ft (6.56 m) NGVD, July 3, 1974; lowest measured, 12.77 ft (3.89 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
07...	0933	16.85	13...	1317	15.49
DEC			JUN		
03...	1037	15.89	10...	1035	16.05
JAN			AUG		
18...	0845	16.09	11...	1135	16.69
MAR			SEP		
03...	0825	16.03	15...	1340	16.67
APR					
05...	1530	16.21			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 20.12 ft (6.13 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1979, land-surface datum was considered to be 18.00 ft (5.49 m) NGVD. See PERIOD OF RECORD.

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 September 1982 (bimonthly), discontinued. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1979, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +2.12 ft (0.65 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.39 ft (5.91 m) NGVD, Aug. 20, 1974; lowest measured, 10.57 ft (3.22 m) NGVD, June 10, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
27...	1337	15.81	12...	1720	15.31
DEC			JUN		
03...	0922	15.33	10...	1135	15.44
JAN			AUG		
26...	1239	15.43	11...	1230	15.76
MAR			SEP		
09...	0817	15.79	15...	1420	15.80
APR					
06...	1220	15.66			

WELL NUMBER.--2800120822204901. 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.--Tape measured. Measuring point: Top of casing, 2.83 ft (0.86 m) above land-surface datum. Prior to Nov. 11, 1976, top of casing, 2.84 ft (0.86 m) above land-surface datum; Nov. 11, 1976, to Jan. 7, 1981, top of recorder shelter floor, 4.05 ft (1.23 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, August 1975 to October 1976, were collected by Southwest Florida Water Management District and reviewed by Geological Survey.

PERIOD OF RECORD.--August 1975 to October 1976 (weekly); November 1976 to January 1981; January 1981 to current year (monthly), incomplete.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.52 ft (6.25 m) NGVD, Sept. 25, 1975; lowest, 13.55 ft (4.13 m) NGVD, May 21, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
01...	0942	18.61	06...	1355	17.31
NOV			MAY		
02...	1208	18.03	10...	1730	16.99
DEC			JUN		
01...	1358	17.30	14...	1025	17.15
JAN			JUL		
05...	1056	17.25	14...	1250	18.02
FEB			AUG		
22...	1127	17.15	12...	0800	18.25
MAR			SEP		
04...	1410	17.19	16...	0800	18.33

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 20.32 ft (6.19 m) NGVD, Oct. 20, 21, 22, 1979; lowest, 13.68 ft (4.17 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.67	18.13	17.51	17.37	17.21	17.37	17.72	17.27	17.29	17.71	18.28	18.42
10	18.64	18.05	17.41	17.37	17.19	17.72	17.63	17.17	17.26	17.99	18.23	18.47
15	18.60	18.00	17.33	17.38	17.10	17.72	17.66	16.89	17.17	18.03	18.45	18.52
20	18.42	17.87	17.18	17.31	17.43	17.59	17.49	16.71	17.59	18.28	18.50	18.37
25	18.37	17.78	17.09	17.29	17.35	17.55	17.46	16.75	17.71	18.16	18.49	18.67
EOM	18.19	17.68	17.36	17.26	17.37	17.72	17.44	17.23	17.47	18.28	18.53	19.00
MEAN	18.52	17.96	17.33	17.33	17.27	17.59	17.58	17.00	17.44	18.02	18.42	18.56
MAX	18.73	18.18	17.55	17.42	17.44	17.77	17.72	17.43	17.71	18.28	18.58	19.00
MIN	18.19	17.68	17.07	17.25	17.06	17.34	17.38	16.63	17.17	17.34	18.23	18.37
WTR YR 1982	MEAN	17.75	MAX	19.00	SEP 30	MIN	16.63	MAY 21	AND OTHERS			

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, 1.94 ft (0.59 m) above land-surface datum. Prior to July 6, 1978, top of coupling, 2.50 ft (0.76 m) above land-surface datum; July 6, 1978, to Mar. 12, 1982, top of recorder shelter floor, 2.16 ft (0.66 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.60	16.40	16.00	15.98	15.86	16.00	16.00	15.90	15.50	16.00	16.60	16.70
10	16.60	16.30	15.93	15.97	15.86	16.10	16.00	15.60	16.30	16.60	16.60	17.00
15	16.60	16.29	15.96	16.03	15.94	16.00	16.00	15.40	15.60	16.30	16.60	17.00
20	16.50	16.24	15.82	15.94	16.04	16.00	16.00	15.10	15.90	16.50	16.50	16.90
25	16.50	16.15	15.81	15.93	15.96	16.00	16.00	15.10	16.00	16.50	17.00	17.10
EOM	16.50	16.08	15.97	15.91	15.98	16.10	16.00	15.50	16.00	16.50	17.00	17.50
MEAN	16.56	16.27	15.93	15.96	15.93	16.04	16.02	15.44	15.75	16.33	16.71	16.97
MAX	16.67	16.40	16.10	16.06	16.14	16.20	16.20	16.00	16.00	16.50	17.00	17.50
MIN	16.50	16.08	15.78	15.88	15.80	15.96	16.00	15.10	15.50	16.00	16.50	16.60
WTR YR 1982	MEAN	16.16	MAX	17.50	SEP 30	MIN	15.10	MAY 20	AND OTHERS			

NOTE.--Record estimated Oct. 8 to Nov. 12, Mar. 3 to Sept. 30.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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.--Land-surface datum is 23.87 ft (7.28 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1979, land-surface datum was considered to be 26 ft (7.9 m), from topographic map. See PERIOD OF RECORD.

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 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, 1979, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -2.13 ft (0.65 m). See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.97 ft (7.31 m) NGVD, Oct. 24, 1979; lowest measured, 13.95 ft (4.25 m) NGVD, May 22, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
28...	1110	19.21	11...	1330	17.43
DEC			JUN		
04...	1218	18.23	14...	1405	17.70
FEB			AUG		
17...	1349	17.92	11...	1420	19.37
MAR			SEP		
09...	1332	18.23	16...	0930	19.50
APR					
06...	1540	18.08			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

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 April 1981 (bimonthly), incomplete; April to September 1981; October 1981 to September 1982 (monthly). 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 daily maximum water level, 13.88 ft (4.23 m) NGVD, May 26, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
07...	1345	19.16	11...	1615	17.31
NOV			JUN		
13...	1419	18.34	14...	1350	17.59
DEC			JUL		
04...	1145	17.86	14...	1320	18.43
JAN			AUG		
14...	0912	17.67	11...	1425	18.73
MAR			SEP		
09...	1419	17.98	16...	0925	18.87
APR			29...	1325	19.40
06...	1530	17.86			

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 (semiannually); January 1977 to September 1978 (monthly), incomplete; October 1978 to September 1980 (bimonthly), discontinued. 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, 15.04 ft (4.58 m) NGVD, May 19, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
DEC			JUN		
04...	1240	19.31	14...	1425	18.80
MAR			AUG		
09...	1322	19.27	13...	1705	20.72
APR			SEP		
06...	1555	19.19	16...	0955	20.79
MAY					
11...	1545	18.53			

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°34'02", in NE¼NW¼ 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.--Tape measured. Measuring point: Top of 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 September 1981; October 1981 to September 1982 (monthly), incomplete.

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
05...	1430	6.76	11...	1245	5.79
NOV			JUN		
04...	1345	6.59	03...	1045	6.91
DEC			AUG		
07...	1235	6.14	02...	1225	7.28
FEB			13...	1050	7.41
02...	1030	6.41	SEP		
MAR			15...	1330	7.01
30...	1230	6.41			

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 inter-section 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 September 1980 (twice monthly); October 1980 to current year (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, 14.11 ft (4.30 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
28...	1033	17.83	07...	0805	17.74
NOV			MAY		
19...	1205	17.54	11...	1515	17.24
DEC			JUN		
04...	1120	17.43	14...	0950	17.67
JAN			AUG		
21...	1305	17.49	12...	0850	18.17
FEB			SEP		
17...	1300	17.69	16...	1010	18.05
MAR					
02...	1440	17.57			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT 05...	1320	8.02	MAY 10...	1507	7.08
DEC 07...	1050	7.00	JUN 02...	1015	8.11
FEB 02...	0930	7.61	AUG 02...	1115	8.72
MAR 30...	1040	7.81	SEP 13...	1429	8.47

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.62	7.66	6.98	7.68	7.55	7.58	7.46	6.96	8.12	7.89	8.30	7.73
10	7.48	7.62	7.07	7.57	7.65	7.43	7.45	6.95	7.39	7.89	8.25	8.30
15	6.99	7.56	7.72	7.75	7.27	7.46	7.59	6.71	7.45	8.04	8.65	7.89
20	7.16	7.83	6.67	7.55	7.49	7.26	7.15	6.70	8.62	7.89	8.56	8.14
25	7.44	7.48	7.32	7.47	7.36	7.48	7.62	7.19	8.35	8.11	8.05	8.45
EOM	7.20	7.33	7.58	7.64	7.48	7.52	7.48	7.65	7.98	8.10	7.75	8.39
MEAN	7.40	7.50	7.28	7.57	7.48	7.44	7.47	7.02	8.02	8.02	8.29	8.15
MAX	7.72	7.97	7.80	8.23	7.69	8.24	7.97	7.65	9.20	8.40	8.84	8.83
MIN	6.96	7.01	6.67	7.07	7.11	7.00	6.88	6.58	7.34	7.80	7.75	7.73
WTR YR 1982 MEAN	7.64		MAX	9.20	JUN 18	MIN	6.58	MAY 16	AND OTHERS			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (semiannually), 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, 14.11 ft (4.30 m) NGVD, May 19, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT 07...	1230	20.25	APR 06...	1400	17.94
NOV 30...	1138	17.98	MAY 10...	1800	17.44
DEC 22...	1431	17.44	JUN 14...	1125	17.66
FEB 10...	1328	17.46	AUG 11...	1515	18.82
MAR 04...	1400	17.67	SEP 16...	0915	18.88

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 September 1980 (twice monthly); October 1980 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.38 ft (6.82 m) NGVD, Oct. 30, 1975; lowest measured, 15.67 ft (4.78 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT 08...	1025	21.52	APR 07...	0940	21.81
NOV 19...	1205	20.99	MAY 10...	1345	21.13
DEC 01...	1153	20.58	JUN 11...	1520	21.70
JAN 21...	1257	21.67	JUL 14...	1410	20.55
FEB 17...	1300	22.34	AUG 12...	0920	20.57
MAR 04...	0845	21.74	SEP 16...	1020	19.77

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.--Tape measured. Measuring point: Top of coupling, 0.03 ft (0.01 m) above land-surface datum. Prior to Oct. 14, 1980, 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 October 1980; November 1980 to current year (bimonthly).

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
08...	0805	7.85	11...	1010	7.12
DEC			JUN		
07...	1155	7.32	03...	1010	7.95
FEB			AUG		
02...	0850	7.50	02...	1130	8.32
MAR			SEP		
30...	1100	7.39	15...	1150	7.96

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 3.47 ft (1.06 m) above land-surface datum. Prior to Mar. 12, 1982, 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, 21.93 ft (6.68 m) NGVD, Oct. 10, 1979; lowest, 13.92 ft (4.24 m) NGVD, May 25, 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	19.23	18.59	17.84	17.69	17.48	17.72	18.02	17.59	17.60	18.21	18.87	18.88
10	19.20	18.50	17.73	17.70	17.45	18.07	17.91	17.42	17.59	18.47	18.79	18.89
15	19.10	18.40	17.63	17.61	17.39	18.03	17.97	17.15	17.59	18.55	18.92	18.98
20	18.86	18.30	17.59	17.60	17.76	17.91	17.83	16.94	17.98	18.74	18.94	18.79
25	18.79	18.10	17.39	17.59	17.68	17.85	17.76	16.99	18.20	18.68	18.96	19.20
EOM	18.66	17.96	17.65	17.54	17.70	18.01	17.76	17.44	17.97	18.82	19.00	19.57
MEAN	19.02	18.37	17.66	17.62	17.57	17.92	17.88	17.26	17.81	18.52	18.92	19.03
MAX	19.34	18.66	17.91	17.72	17.79	18.08	18.02	17.74	18.20	18.82	19.06	19.57
MIN	18.66	17.96	17.38	17.49	17.35	17.65	17.68	16.86	17.51	17.85	18.79	18.79
WTR YR 1982	MEAN	18.13	MAX	19.57	SEP 30	MIN	16.86	MAY 22				

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 intersection Interstate 4 and U. S. Highway 301, 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, 3.47 ft (1.06 m) above land-surface datum. Prior to Mar. 12, 1982, 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, 15.39 ft (4.69 m) NGVD, May 31, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	19.96	18.38	17.84	20.65	20.49	20.61	20.51	18.13	20.76	20.75	20.73	20.50
10	18.68	18.47	17.63	20.52	20.31	20.73	20.58	17.80	20.49	20.97	20.64	20.50
15	18.16	18.02	18.77	20.82	20.85	20.66	20.67	17.48	19.32	20.67	20.59	20.40
20	17.83	17.88	18.18	20.72	20.78	20.32	20.23	17.23	20.84	21.04	20.60	20.73
25	19.67	17.71	18.43	20.66	20.65	20.45	19.48	18.51	20.94	20.90	20.60	20.89
EOM	18.55	17.62	20.60	20.54	20.60	20.73	19.26	20.94	20.68	20.85	20.80	20.76
MEAN	18.88	18.03	18.50	20.64	20.55	20.54	20.26	18.37	20.64	20.84	20.66	20.67
MAX	20.50	18.53	20.76	20.85	20.98	20.91	20.78	20.94	21.24	21.04	20.80	21.24
MIN	17.73	17.61	17.53	20.34	19.87	19.66	19.12	17.14	19.32	20.63	20.45	20.40
WTR YR 1982	MEAN	19.88	MAX	21.24	JUN 18 AND OTHERS	MIN	17.14	MAY 22				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--280103082210901. USCE Well TBC-06 near Temple Terrace, FL.

LOCATION.--Lat 28°01'03", long 82°21'49", 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 September 1981 (twice monthly); October 1981 to September 1982 (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 +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, 14.13 ft (4.31 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
28...	1040	17.83	13...	1117	17.08
DEC			JUN		
01...	1218	17.32	11...	1106	17.52
FEB			AUG		
17...	1300	17.70	12...	0910	18.05
MAR			SEP		
04...	1154	17.39	16...	1100	17.94
APR					
07...	0820	17.63			

WELL NUMBER.--280105082222801. 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.--Tape measured. Measuring point: Top of casing, 3.01 ft (0.92 m) above land-surface datum. Prior to Jan. 6, 1981, 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, August 1975 to April 1976, were collected by Southwest Florida Water Management District and reviewed by Geological Survey.

PERIOD OF RECORD.--August 1975 to April 1976 (weekly); May 1976 to December 1980; January 1981 to current year (monthly).

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
01...	0942	22.22	12...	1730	21.40
DEC			JUN		
01...	1145	21.02	10...	1515	22.16
FEB			AUG		
02...	1456	22.33	12...	0925	20.77
MAR			SEP		
04...	0837	22.25	16...	1030	19.75
APR			30...	1000	20.04
07...	0855	22.29			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

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, 0.32 ft (0.10 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, 7.25 ft (2.21 m) NGVD, May 7, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 18...	1215	10.20	APR 29...	1020	9.86
JAN 19...	1145	10.23	MAY 11...	1220	9.69
MAR 11...	0825	9.81	JUL 14...	1435	10.38

WELL NUMBER.--280116082201501. USCE Test Well 3E-ES near Temple Terrace, FL.

LOCATION.--Lat 28°01'16", long 82°20'15", in SE¼NE¼ 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, 5.60 ft (1.71 m) above land-surface datum. Prior to August 1977, top of casing, 5.40 ft (1.65 m) above land-surface datum; August 1977 to Oct. 29, 1979, top of casing, 0.40 ft (0.12 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 to September 1975 (semiannually); November 1976 to September 1977 (monthly), incomplete; October 1977 to September 1982 (bimonthly), discontinued. 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, 14.14 ft (4.31 m) NGVD, May 19, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT 02...	1358	19.15	MAY 10...	1710	17.36
NOV 30...	1100	17.88	JUN 14...	1230	17.57
JAN 04...	1250	17.62	AUG 12...	1210	18.77
MAR 02...	1804	17.61	SEP 16...	1231	18.84
APR 07...	1115	17.80			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--280116082202601. USCE Test Well 2E-ES near Temple Terrace, FL.

LOCATION.--Lat 28°01'16", long 82°20'26", in NE $\frac{1}{4}$ SW $\frac{1}{4}$ 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 measured, 14.10 ft (4.30 m) NGVD, May 19, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
02...	1349	19.07	10...	1808	17.34
NOV			JUN		
30...	1107	17.81	14...	1245	17.52
JAN			AUG		
04...	1302	17.55	12...	1155	18.66
MAR			SEP		
02...	1809	17.53	16...	1220	18.67
APP					
07...	1135	17.74			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--280116082205301. USCE Test Well 2W-ES near Temple Terrace, FL.

LOCATION.--Lat 28°01'16", long 82°20'53", in SE $\frac{1}{4}$ NW $\frac{1}{4}$ 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 September 1980 (bimonthly); October 1980 to current year (monthly), 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 +0.21 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, 14.09 ft (4.29 m) NGVD, May 21, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
01...	1328	18.45	07...	0945	17.67
NOV			MAY		
02...	1602	17.95	10...	1500	17.29
DEC			JUN		
01...	1208	17.39	11...	1035	17.56
JAN			JUL		
11...	1424	17.38	14...	1440	18.08
FEB			AUG		
03...	1651	17.36	12...	1045	18.13
MAR			SEP		
02...	1450	17.49	16...	1115	18.04

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

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.

REMARKS.--Record is equivalent to that for USCE Test Well 3W-ES (280116082210100), available November 1976 to September 1978.

PERIOD OF RECORD.--November 1976 to September 1977 (monthly), incomplete; October 1977 to September 1982 (bimonthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.50 ft (5.94 m) NGVD, Oct. 30, 1979; lowest measured, 14.19 ft (4.33 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
06...	1404	18.42	13...	1130	17.15
DEC			JUN		
04...	1110	17.35	11...	1050	17.57
MAR			AUG		
04...	1146	17.43	12...	1040	18.06
APR			SEP		
07...	0825	17.66	16...	1110	17.99

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 (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, 21.80 ft (6.64 m) NGVD, July 3, 1974; lowest measured, 14.79 ft (4.51 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
01...	1230	19.79	11...	1430	18.35
DEC			JUN		
01...	1138	18.52	11...	0815	19.02
02...	1422	18.46	AUG		
FEB			12...	1010	19.31
03...	1531	18.72	SEP		
MAR			16...	1035	19.04
04...	0830	18.81			
APR					
07...	0850	19.00			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--280142082195901. Tampa Bypass Forbes Well near Temple Terrace, FL.

LOCATION.--Lat 28°01'42", long 82°19'59", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ 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), incomplete.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.58 ft (7.49 m) NGVD, Oct. 31, 1979; lowest measured, 14.93 ft (4.55 m) NGVD, May 19, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
01...	0916	20.80	07...	1240	18.97
NOV			MAY		
30...	1021	19.24	11...	1315	18.43
DEC			JUN		
04...	1225	19.12	11...	1140	18.65
JAN			AUG		
27...	1248	18.58	12...	1300	20.65
MAR			SEP		
09...	1342	19.06	16...	0945	20.65

WELL NUMBER.--280142082210901. Tampa Bypass Deep Well 603 near Temple Terrace, FL.

LOCATION.--Lat 28°01'42", long 82°21'09", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ 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 (semiannually); 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, 13.74 ft (4.19 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
01...	1312	18.45	11...	1445	17.00
DEC			JUN		
01...	1127	17.20	11...	0835	17.47
FEB			AUG		
03...	1536	17.28	12...	1025	18.00
MAR			SEP		
04...	0820	17.36	16...	1045	17.85
APR					
07...	0823	17.52			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--280144082212201. USCE Well TBC-10 near Temple Terrace, FL.

LOCATION.--Lat 28°01'44", long 82°21'22", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ 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 September 1980 (twice monthly); October 1980 to September 1982 (bimonthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.55 ft (5.96 m) NGVD, Oct. 4, 1979; lowest measured, 11.70 ft (3.57 m) NGVD, May 14, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
28...	1015	16.07	11...	1435	15.23
DEC			JUN		
01...	1115	15.38	11...	0825	15.75
FFB			AUG		
17...	1215	15.60	12...	1015	16.19
MAR			SEP		
04...	0759	15.55	16...	1055	16.05
APR					
07...	0840	15.78			

WELL NUMBER.--280145082132501. Tampa Deep Well 15 near Dover, FL.

LOCATION.--Lat 28°01'50", long 82°13'25", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ 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, 49.76 ft (15.17 m) NGVD, Jan. 14, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	63.51	59.81	60.93	62.11	60.91	61.49	61.82	60.78	61.97	63.34	65.12	64.55
10	61.90	59.95	60.65	62.37	61.10	63.05	61.88	60.16	60.77	63.93	64.47	65.33
15	60.86	60.55	59.02	58.50	60.47	61.93	62.52	58.31	60.64	63.21	64.29	64.94
20	58.56	60.18	54.87	60.07	62.69	60.29	61.06	57.59	62.30	63.91	65.13	64.63
25	57.49	60.45	57.35	61.48	62.01	60.28	61.34	58.82	63.32	64.55	65.39	65.66
FOM	58.84	60.35	61.01	60.55	62.14	62.65	61.92	61.09	63.15	65.19	65.63	65.75
MEAN	60.43	60.12	58.93	60.51	61.48	61.59	61.74	59.42	61.93	63.88	65.10	65.16
MAX	64.24	60.61	61.01	62.43	62.89	63.12	62.82	61.69	63.58	65.19	65.68	66.06
MIN	56.84	58.81	52.23	57.27	60.27	59.77	60.29	57.19	60.49	62.86	64.29	64.23
WTR YR 1982	MEAN	61.69	MAX	66.06	SEP 28	MIN	52.23	DEC 21				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

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.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.70 ft (0.82 m) above land-surface datum. Prior to Feb. 24, 1977, top of casing, 2.00 ft (0.61 m) above land-surface datum; Feb. 24, 1977, to Jan. 27, 1981, top of casing, 2.50 ft (0.76 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 January 1981 (monthly), incomplete; January 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.75 ft (6.32 m) NGVD, Oct. 24, 1979; lowest measured, 13.28 ft (4.05 m) NGVD, May 6, 1976.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.10	17.78	17.17	17.20	17.17	17.41	17.63	17.31	17.30	17.59	17.98	17.88
10	18.00	17.68	17.09	17.30	17.15	17.70	17.57	17.18	17.36	17.78	17.90	17.87
15	18.00	17.62	17.05	17.28	17.15	17.66	17.62	16.95	17.37	17.89	18.02	17.88
20	17.90	17.55	17.00	17.24	17.33	17.58	17.52	16.75	17.54	18.03	18.03	17.76
25	17.90	17.41	17.10	17.24	17.31	17.57	17.48	16.79	17.69	17.83	17.99	18.13
EOM	17.80	17.29	17.10	17.22	17.32	17.65	17.46	17.25	17.23	17.93	17.96	18.49
MEAN	17.96	17.59	17.09	17.24	17.23	17.58	17.56	17.03	17.47	17.80	17.98	17.98
MAX	18.10	17.80	17.24	17.32	17.36	17.71	17.64	17.43	17.84	18.06	18.07	18.49
MIN	17.80	17.29	16.99	17.18	17.06	17.30	17.42	16.67	17.23	17.13	17.88	17.73
WTR YR 1982	MEAN	17.54	MAX	18.49	SEP 30	MIN	16.67	MAY 22				

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.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.17 ft (1.27 m) above land-surface datum. Prior to Jan. 7, 1981, 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 December 1980 (twice monthly); January 1981 to current year. 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, 23.61 ft (7.20 m) NGVD, Oct. 4, 1979; lowest daily maximum water level, 11.63 ft (3.54 m) NGVD, Jan. 23, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.63	18.11	17.49	17.44	17.38	17.64	17.85	17.56	17.48	18.05	18.42	18.20
10	18.63	18.01	17.41	17.45	17.36	17.91	17.80	17.45	17.58	18.23	18.35	18.20
15	18.52	17.92	17.35	17.43	17.35	17.91	17.86	17.26	17.60	18.32	18.30	18.20
20	18.36	17.85	17.20	17.42	17.49	17.85	17.78	17.07	17.80	18.44	18.30	18.21
25	18.26	17.73	17.18	17.43	17.53	17.81	17.74	17.08	18.09	18.23	18.30	18.51
EOM	18.15	17.61	17.42	17.43	17.54	17.86	17.71	17.44	17.69	18.37	18.30	19.03
MEAN	18.47	17.90	17.36	17.43	17.43	17.82	17.80	17.31	17.73	18.22	18.33	18.33
MAX	18.72	18.15	17.58	17.50	17.54	17.93	17.87	17.67	18.15	18.45	18.43	19.03
MIN	18.15	17.61	17.18	17.31	17.27	17.53	17.69	17.02	17.38	17.60	18.30	18.16
WTR YR 1982	MEAN	17.85	MAX	19.03	SEP 30	MIN	17.02	MAY 22				

NOTE.--Record estimated Aug. 13 to Sept. 16.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--280209082280301. ROMP 66 Deep Well 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 is 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 (FEET NGVD) • WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.99	16.83	15.98	16.14	15.81	15.56	15.46	15.32	16.80	18.60	19.36	18.60
10	17.72	16.63	15.84	16.14	15.75	15.79	15.56	15.23	17.10	19.01	19.01	20.27
15	17.46	16.50	15.76	16.23	15.64	15.71	15.75	14.97	17.20	19.24	19.14	20.28
20	17.23	16.36	15.68	16.28	15.72	15.44	15.60	14.96	18.48	19.44	19.19	20.07
25	17.06	16.24	15.61	15.91	15.63	15.45	15.66	15.11	18.92	19.26	18.81	20.01
EOM	16.93	16.10	16.07	15.88	15.65	15.62	15.61	15.33	18.73	19.27	18.91	20.89
MEAN	17.47	16.49	15.83	16.09	15.72	15.59	15.59	15.16	17.65	19.10	19.13	19.92
MAX	18.23	16.90	16.09	16.29	15.87	15.79	15.75	15.47	18.93	19.46	19.42	20.89
MIN	16.93	16.10	15.61	15.86	15.62	15.39	15.39	14.91	15.50	18.48	18.81	18.60
WTR YR 1982	MEAN	16.98	MAX	20.89	SEP 30	MIN	14.91	MAY 22				

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 (semiannually); November 1976 to September 1977 (monthly), incomplete; October 1977 to September 1981 (bimonthly); October 1981 to September 1982 (monthly). 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, 15.04 ft (4.58 m) NGVD, Jan. 26, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			APR		
01...	0903	21.26	07...	1230	19.27
NOV			MAY		
30...	1330	19.54	11...	1330	18.88
DEC			JUN		
17...	1020	19.09	11...	1125	19.12
JAN			JUL		
13...	0901	18.81	14...	1335	20.53
FEB			AUG		
03...	1221	18.95	12...	1315	21.20
MAR			SEP		
09...	1350	19.38	16...	1255	21.22
17...	1358	19.49			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--280230082205601. USCE Well TBC-02 near Temple Terrace, FL.

LOCATION.--Lat 28°02'30", long 82°20'56", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ 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 shelter floor, 3.85 ft (1.17 m) above land-surface datum. Prior to May 5, 1981, top of casing, 3.0 ft (0.9 m) above land-surface datum; May 5, 1981, to Aug. 18, 1982, top of casing, 3.55 ft (1.08 m) above land-surface datum.

DATUM.--Land-surface datum is 48.75 ft (14.86 m) National Geodetic Vertical Datum of 1929 (levels by West Coast Regional Water Supply Authority). Prior to May 5, 1981, land-surface datum was considered to be 43 ft (13 m), from topographic map. See PERIOD OF RECORD.

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); October 1979 to September 1980 (bimonthly), incomplete; May 1981 to current year (bimonthly). Records of water levels prior to December 1976 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to May 5, 1981 are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +5.65 ft (1.72 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.78 ft (7.25 m) NGVD, Sept. 18, 1975; lowest measured, 15.81 ft (4.82 m) NGVD, July 8, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT 28...	1507	19.91	APR 07...	1250	20.05
NOV 30...	1340	19.66	MAY 10...	1300	19.50
DEC 23...	1347	18.37	JUN 11...	1150	19.87
JAN 11...	1045	19.37	AUG 12...	1330	22.35
FEB 03...	1600	18.76	18...	1350	22.52
MAR 04...	1325	19.31	SEP 09...	1320	22.49
			16...	1435	22.65

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 1 in (3 cm) coupling, 1.72 ft (0.52 m) above land-surface datum. Prior to July 31, 1979, top of 1 in (3 cm) coupling, 1.72 ft (0.52 m) above land-surface datum; July 31, 1979, to Oct. 9, 1979, top of 12 in (30 cm) casing, 1.53 ft (0.47 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, 25.38 ft (7.74 m) NGVD, Oct. 9, 1979; lowest measured, 14.95 ft (4.56 m) NGVD, July 1, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			JUN		
28...	1035	21.55	08...	1340	21.09
NOV			JUL		
30...	1325	20.55	06...	1450	21.47
JAN			AUG		
07...	1415	20.98	02...	1452	22.12
MAR			SEP		
08...	1425	21.01	02...	1425	22.59
31...	1156	21.04	15...	1150	22.71
MAY					
11...	1048	20.00			

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, August 1975 to November 1977, were collected by Southwest Florida Water Management District and reviewed by Geological Survey.

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, 29.30 ft (8.93 m) NGVD, Oct. 4, 1979; lowest, 17.22 ft (5.25 m) NGVD, Jan. 30, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.18	22.91	21.96	21.69	21.74	22.51	22.63	22.21	22.35	25.40	26.33	25.62
10	23.94	22.72	21.81	21.67	21.69	22.76	22.57	22.02	22.44	25.53	25.90	25.70
15	23.72	22.61	21.65	21.78	21.66	22.93	22.71	21.76	22.49	25.26	26.00	26.13
20	23.42	22.46	21.49	21.77	21.96	22.75	22.67	21.45	23.42	25.13	26.20	25.82
25	23.21	22.33	21.35	21.82	22.61	22.84	22.52	21.53	26.33	25.07	26.08	27.08
EOM	23.04	22.16	21.65	21.77	22.60	22.78	22.44	22.04	26.10	26.38	25.98	28.40
MEAN	23.65	22.59	21.68	21.74	21.95	22.77	22.62	21.82	23.68	25.48	26.09	26.36
MAX	24.36	23.02	22.06	21.83	22.61	22.93	22.76	22.40	26.35	26.44	26.58	28.42
MIN	23.04	22.16	21.34	21.59	21.60	22.50	22.44	21.35	22.14	25.06	25.79	25.54
WTR YR 1982	MEAN	23.38	MAX	28.42	SEP 29	MIN	21.34	DEC 24				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--280320082203801. ROMP 67-1 Avon Park Well near Temple Terrace, FL.

LOCATION.--Lat 28°03'20", long 82°20'38", in NW¼SE¼ sec.7, T.28 S., R.20 E., Hydrologic Unit 03100205, 0.1 mi (0.2 km) north of Fowler Avenue, and 2.0 mi (3.2 km) east of Temple Terrace.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 490 ft (149 m), cased to 440 ft (134 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.95 ft (1.51 m) above land-surface datum.

DATUM.--Land-surface datum is 42.97 ft (13.10 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1979 to current year. Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 31.78 ft (9.69 m) NGVD, Oct. 2, 1979; lowest, 18.39 ft (5.61 m) NGVD, May 31, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.62	23.44	22.44	22.54	22.55	23.39	23.22	22.58	23.22	24.90	25.57	25.31
10	24.46	23.23	22.31	22.49	22.49	23.81	23.21	22.38	23.07	25.00	25.21	25.58
15	24.21	23.12	22.17	22.69	22.48	23.79	23.45	21.89	22.96	24.89	25.72	25.61
20	23.88	22.96	21.90	22.75	23.07	23.54	23.25	21.55	24.21	24.90	25.81	25.34
25	23.70	22.82	21.88	22.73	23.36	23.30	23.02	21.57	25.27	24.84	25.74	26.16
EOM	23.55	22.68	22.49	22.62	23.38	23.35	22.91	22.72	25.15	25.65	25.63	26.99
MEAN	24.14	23.10	22.23	22.62	22.81	23.54	23.21	22.04	23.85	25.02	25.64	25.78
MAX	24.82	23.53	22.63	22.76	23.40	23.83	23.45	22.83	25.30	25.70	25.89	26.99
MIN	23.55	22.68	21.88	22.37	22.38	23.21	22.91	21.42	22.82	24.78	25.21	25.26
WTR YR 1982	MEAN	23.67	MAX	26.99	SEP 29	AND OTHERS	MIN	21.42	MAY 22			

WELL NUMBER.--280320082203802. ROMP 67-2 Tampa Limestone Well near Temple Terrace, FL.

LOCATION.--Lat 28°03'20", long 82°20'38", in NW¼SE¼ sec.7, T.28 S., R.20 E., Hydrologic Unit 03100205, 0.1 mi (0.2 km) north of Fowler Avenue, and 2.0 mi (3.2 km) east of Temple Terrace.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 141 ft (43 m), cased to 70 ft (21 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 42.97 ft (13.10 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1979 to current year. Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 32.62 ft (9.94 m) NGVD, Oct. 4, 1979; lowest, 17.01 ft (5.18 m) NGVD, May 31, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	23.86	22.59	21.44	21.06	21.13	21.84	21.97	21.47	21.66	24.08	25.09	24.97
10	23.70	22.36	21.31	21.05	21.10	22.13	21.86	21.25	21.74	24.41	24.80	25.03
15	23.45	22.19	21.13	21.07	21.00	22.24	22.02	20.90	21.78	24.38	25.23	25.06
20	23.14	22.03	20.86	21.19	21.43	22.15	21.93	20.60	22.86	24.24	25.42	24.74
25	22.94	21.87	20.77	21.22	21.75	22.03	21.79	20.57	24.24	24.31	25.44	25.52
EOM	22.76	21.69	21.03	21.19	21.81	22.04	21.71	21.07	24.38	25.03	25.29	26.74
MEAN	23.38	22.19	21.13	21.12	21.30	22.06	21.90	20.96	22.59	24.38	25.21	25.28
MAX	23.99	22.73	21.64	21.23	21.81	22.24	22.03	21.66	24.42	25.03	25.50	26.74
MIN	22.76	21.69	20.76	20.90	20.99	21.82	21.71	20.48	21.25	24.04	24.78	24.74
WTR YR 1982	MEAN	22.63	MAX	26.74	SEP 30	MIN	20.48	MAY 23				

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 SW¼NW¼ 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 September 1980 (bimonthly), incomplete; October 1980 to current year (monthly), 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, 19.40 ft (5.91 m) NGVD, May 22, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
DEC 04...	1050	23.00	JUN 11...	1315	23.87
MAR 04...	1057	24.05	JUL 14...	1345	25.27
APR 07...	1302	23.64	AUG 12...	1500	25.68
MAY 11...	1230	22.91	SEP 16...	1550	25.88

WELL NUMBER.--280354082381901. ROMP TR 13-3 Deep Well near Citrus Park, FL.

LOCATION.--Lat 28°03'54", long 82°38'19", in SW¼NE¼ 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 September 1982, incomplete (discontinued). Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1979, published as St. Petersburg Deep Well E-101 near Citrus Park.

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.91	15.35	15.08	15.94	15.82	15.24	15.31	14.92	15.92	15.83	16.27	15.84
10	15.59	15.69	15.04	15.88	15.66	15.82	15.31	14.68	15.37	15.92	16.18	16.51
15	15.13	15.83	15.35	16.10	15.38	15.59	15.80	14.22	14.90	15.79	16.61	16.39
20	15.03	15.74	15.15	15.85	15.54	15.12	15.13	14.34	16.46	16.38	16.73	16.25
25	15.08	15.35	15.16	15.72	15.25	15.11	15.49	14.34	16.55	16.09	16.69	16.79
EOM	15.25	15.10	15.83	15.79	15.29	15.49	15.50	15.30	16.31	16.14	16.18	16.83
MEAN	15.41	15.51	15.25	15.85	15.54	15.41	15.41	14.61	15.88	15.98	16.45	16.38
MAX	16.06	15.84	15.83	16.13	15.84	15.88	15.80	15.33	16.57	16.39	16.75	16.98
MIN	14.97	15.10	14.91	15.59	15.21	15.07	14.86	14.06	14.83	15.71	16.18	15.70
WTR YR 1982	MEAN	15.64	MAX	16.98	SEP 26	AND OTHERS	MIN	14.06	MAY 23			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 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 (semiannually); 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, 19.10 ft (5.82 m) NGVD, July 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
DEC			JUN		
04...	1020	20.59	11...	1345	21.43
MAR			AUG		
04...	1118	21.90	12...	1445	23.90
APR			SEP		
07...	1350	21.48	16...	1535	24.04
MAY					
11...	1115	20.60			

WELL NUMBER.--280446082302501. Sirotowitz Well near Sulphur Springs, FL.

LOCATION.--Lat 28°04'46", long 82°30'25", in SW $\frac{1}{4}$ NE $\frac{1}{4}$ 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), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
17...	1005	33.78	06...	0900	34.40
DEC			28...	0840	35.85
08...	1130	34.85	MAY		
JAN			10...	1525	33.08
20...	1450	35.42	JUL		
FEB			14...	1330	36.75
08...	0745	35.43	SEP		
MAR			07...	1100	38.53
08...	1505	35.29	14...	0907	40.38

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--280503082143701. ROMP 68-1 Avon Park Well near Antioch, FL.

LOCATION.--Lat 28°05'03", long 82°14'37", in SW¼SW¼ sec.31, T.27 S., R.21 E., Hydrologic Unit 03100205, 2.0 mi (3.2 km) north of Antioch, and 9.4 mi (15.1 km) southwest of Zephyrhills.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 220 ft (67 m), cased to 120 ft (37 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.39 ft (1.03 m) above land-surface datum.

DATUM.--Land-surface datum is 56.00 ft (17.07 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 50.28 ft (15.33 m) NGVD, Sept. 27, 28, 1982; lowest, 44.29 ft (13.50 m) NGVD, Dec. 21, 1981.

ELEVATION (FEET NGVD), AUGUST TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5											---	47.18
10											---	48.25
15											---	49.53
20											46.99	49.99
25											46.96	48.76
EOM											47.94	48.97
MEAN											46.97	48.78
MAX											47.94	49.99
MIN											46.26	47.09
WTR YR 1981	MEAN	48.23	MAX	49.99	SEP 19 AND OTHERS	MIN	46.26	AUG 28				

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	47.75	46.26	45.76	47.06	47.08	47.17	47.17	46.40	46.33	48.04	49.15	48.80
10	47.28	46.23	45.59	47.19	47.10	47.90	47.05	45.90	45.97	48.53	48.90	49.35
15	47.18	46.39	45.02	46.66	46.60	47.53	47.67	44.82	46.45	48.00	48.81	49.17
20	46.51	46.07	44.61	47.16	47.70	46.83	46.86	44.54	47.66	47.90	49.44	49.37
25	46.34	45.97	44.84	47.29	47.50	46.89	46.92	45.17	48.11	48.72	49.39	50.00
EOM	45.85	45.77	46.66	47.07	47.36	47.48	46.94	46.24	48.25	49.41	49.41	50.17
MEAN	47.03	46.14	45.42	47.02	47.20	47.30	47.14	45.59	47.00	48.37	49.25	49.44
MAX	48.32	46.45	46.66	47.33	47.77	47.90	47.67	46.91	48.39	49.41	49.51	50.28
MIN	45.85	45.75	44.29	46.27	46.53	46.66	46.56	44.54	45.97	47.90	48.71	48.72
WTR YR 1982	MEAN	47.24	MAX	50.28	SEP 27 AND OTHERS	MIN	44.29	DEC 21				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--280503082143702. ROMP 68-2 Suwannee Well near Antioch, FL.

LOCATION.--Lat 28°05'03", long 82°14'37", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.31, T.27 S., R.21 E., Hydrologic Unit 03100205, 2.0 mi (3.2 km) north of Antioch, and 9.4 mi (15.1 km) southwest of Zephyrhills.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 7 in (18 cm), depth 500 ft (152 m), cased to 480 ft (146 m).

INSTRUMENTATION.-- Water-level recorder. Measuring point: Top of casing, 3.43 ft (1.05 m) above land-surface datum.

DATUM.--Land-surface datum is 56.00 ft (17.07 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 50.85 ft (15.50 m) NGVD, Sept. 26, 1982; lowest, 45.03 ft (13.73 m) NGVD, Dec. 21, 1981.

ELEVATION (FEET NGVD), AUGUST TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5											---	47.77
10											---	48.75
15											---	49.12
20											45.85	49.67
25											46.63	49.32
EOM											47.59	48.99
MEAN											46.60	48.88
MAX											47.59	49.68
MIN											45.69	47.72
WTR YR 1981	MEAN	48.19	MAX	49.68	SEP 21	AND OTHERS	MIN	45.69	AUG 19			

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	48.29	46.83	46.31	47.64	47.66	47.76	47.75	46.95	46.93	48.53	49.62	49.05
10	47.84	46.85	46.23	47.76	47.66	48.47	47.67	46.50	46.54	49.02	49.34	49.73
15	47.63	47.00	45.69	47.33	47.22	48.09	48.24	45.52	46.97	48.47	49.38	49.42
20	47.07	46.72	45.45	47.79	48.26	47.40	47.46	45.17	48.21	48.37	49.95	50.00
25	46.80	46.52	45.51	47.85	48.08	47.51	47.44	45.75	48.66	49.30	49.87	50.56
EOM	46.56	46.39	47.25	47.66	47.94	48.09	47.51	46.87	48.72	49.95	49.83	50.68
MEAN	47.56	46.75	46.07	47.63	47.79	47.88	47.72	46.19	47.56	48.88	49.74	49.87
MAX	48.81	47.06	47.25	47.93	48.30	48.47	48.24	47.47	48.88	49.95	50.01	50.85
MIN	46.56	46.36	45.03	47.13	47.15	47.26	47.16	45.17	46.54	48.37	49.18	49.04
WTR YR 1982	MEAN	47.80	MAX	50.85	SEP 26	MIN	45.03	DEC 21				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 September 1982, incomplete (discontinued). 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, 25.55 ft (7.79 m) NGVD, Oct. 1, 1979; lowest, 15.19 ft (4.63 m) NGVD, May 9, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	21.19	20.05	19.95	21.53	21.44	19.72	20.30	19.91	22.23	21.10	22.63	21.67
10	21.24	20.74	19.67	21.57	21.25	21.96	20.69	19.06	21.90	22.04	22.49	23.06
15	20.50	20.91	19.68	21.44	21.00	20.82	21.11	17.25	21.30	21.70	22.91	22.69
20	19.21	20.50	19.73	21.41	21.25	19.84	19.83	17.82	22.21	22.61	23.38	22.39
25	19.23	20.00	19.82	21.15	20.83	19.55	20.20	18.61	22.88	22.07	23.24	23.82
EOM	20.40	19.40	21.35	21.20	20.40	21.28	21.03	20.90	21.40	22.51	22.62	23.90
MEAN	20.43	20.46	20.17	21.40	21.08	20.59	20.53	18.81	21.99	21.88	22.83	22.87
MAX	21.47	21.27	21.50	21.69	21.44	21.96	21.41	20.90	22.88	22.66	23.41	24.14
MIN	19.06	19.40	19.14	20.92	20.40	19.35	18.99	16.91	21.20	21.00	22.34	21.67
WTR YR 1982	MEAN	21.08	MAX	24.14	SEP 27	MIN	16.91	MAY 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, 1.2 mi (1.9 km) west of 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 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, 32.14 ft (9.80 m) NGVD, Oct. 1, 1979; lowest, 16.27 ft (4.96 m) NGVD, Apr. 20, 1972.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.64	24.53	24.20	26.26	25.74	24.32	25.13	24.31	27.90	25.29	27.92	25.95
10	26.60	25.49	22.52	26.46	25.44	27.11	25.96	22.30	24.44	26.89	27.57	28.34
15	23.70	25.31	23.77	25.92	25.39	24.67	25.62	20.56	23.52	26.60	28.41	26.79
20	23.33	24.11	23.54	25.23	25.91	24.35	24.13	19.95	26.42	27.06	28.43	27.86
25	22.92	23.93	24.10	25.82	25.00	24.35	25.72	22.45	27.70	26.49	27.80	30.17
EOM	24.57	23.27	25.57	25.48	24.32	26.05	25.69	26.58	26.06	28.07	26.92	29.87
MEAN	24.45	24.54	24.22	25.73	25.49	25.14	25.13	22.71	26.45	26.71	27.82	28.22
MAX	26.60	26.45	26.68	26.51	26.20	27.53	27.18	26.58	28.12	28.07	28.59	30.63
MIN	21.79	22.77	22.52	24.32	23.86	22.65	22.63	17.90	23.52	25.29	26.92	25.95
WTR YR 1982	MEAN	25.54	MAX	30.63	SEP 27	MIN	17.90	MAY 21				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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; lowest, 18.20 ft (5.55 m) NGVD, May 31, June 1, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.81	22.61	22.58	23.29	23.41	26.69	24.61	22.77	24.10	25.40	25.73	25.63
10	23.95	22.49	22.64	23.28	23.61	27.41	25.05	23.49	23.69	25.59	25.24	26.51
15	23.55	23.41	22.40	23.63	23.68	27.33	25.29	21.75	24.01	25.25	26.14	26.20
20	23.13	23.57	22.23	23.75	24.45	25.99	24.64	21.05	26.34	25.76	26.58	25.90
25	24.09	23.19	22.06	23.74	26.57	24.58	24.76	21.14	25.67	24.60	26.24	26.58
EOM	22.77	23.17	23.26	23.52	26.65	24.56	23.35	23.11	25.19	27.11	26.16	27.55
MEAN	23.77	23.18	22.55	23.50	24.40	26.15	24.69	22.15	24.49	25.62	26.16	26.41
MAX	26.15	23.69	23.26	23.77	26.65	27.45	25.48	23.59	26.34	27.11	27.66	27.62
MIN	22.77	22.48	22.06	23.21	23.40	24.39	23.35	20.93	23.16	24.60	25.24	25.63
WTR YR 1982	MEAN	24.42	MAX	27.66	AUG 1	MIN	20.93	MAY 22				

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, 1.1 mi (1.8 km) west of State Highway 587, and 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, 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	37.35	35.89	34.77	35.19	35.06	34.42	35.33	35.90	37.06	38.30	38.48	38.28
10	37.06	35.79	34.62	35.10	34.92	35.36	35.41	35.73	37.05	38.35	38.90	39.95
15	36.85	35.66	34.48	35.20	34.76	35.48	36.08	35.54	36.78	38.17	39.16	39.25
20	36.60	35.53	34.38	35.30	34.65	35.38	36.11	35.35	38.81	38.58	39.47	38.74
25	36.50	35.32	35.07	35.20	34.58	35.20	35.96	35.32	39.16	38.43	39.27	39.60
EOM	36.20	35.13	35.20	35.20	34.51	35.25	36.00	36.08	38.90	38.22	38.64	39.90
MEAN	36.84	35.62	34.78	35.21	34.80	35.16	35.77	35.61	37.81	38.38	38.92	39.40
MAX	37.57	36.20	35.21	35.35	35.15	35.48	36.12	36.08	39.19	38.80	39.47	41.06
MIN	36.20	35.13	34.38	35.10	34.51	34.42	35.20	35.32	36.34	38.10	38.24	38.28
WTR YR 1982	MEAN	36.53	MAX	41.06	SEP 26	MIN	34.38	DEC 20				

NOTE.--Record estimated Oct. 15 to Nov. 4, Dec. 31 to Jan. 31, June 29 to July 6.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 33.40 ft (10.18 m) NGVD, Oct. 2, 1979; lowest, 19.07 ft (5.81 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	26.76	24.12	23.73	24.42	24.61	27.32	25.63	24.30	25.64	26.69	27.34	27.44
10	25.61	23.95	23.89	24.39	24.59	27.71	26.15	24.85	25.24	27.27	26.95	28.19
15	25.16	24.18	23.48	24.80	25.02	27.58	26.51	22.81	24.96	26.75	27.67	27.99
20	24.48	24.49	23.27	24.94	25.92	26.55	25.86	22.39	27.13	26.72	27.93	28.03
25	25.41	24.43	23.14	24.92	27.02	25.79	25.82	22.55	27.12	26.69	27.86	28.49
EOM	24.40	24.34	24.38	24.74	27.06	25.77	24.93	24.62	26.73	27.99	27.85	29.10
MEAN	25.29	24.27	23.65	24.67	25.48	26.79	25.89	23.54	25.92	27.06	27.68	28.18
MAX	27.09	24.65	24.38	24.95	27.08	27.72	26.58	24.95	27.19	28.17	28.29	29.20
MIN	24.40	23.95	23.14	24.29	24.53	25.55	24.93	22.23	24.69	26.69	26.95	27.43
WTR YR 1982	MEAN	25.70	MAX	29.20	SEP 28	MIN	22.23	MAY 22				

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.--Tape measured. 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 October 1980; November 1980 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 33.50 ft (10.21 m) NGVD, Sept. 25, 1979, estimated; lowest measured, 19.41 ft (5.92 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
02...	1030	24.12	12...	1315	23.20
JAN			JUL		
12...	1602	24.19	08...	1549	26.82
MAR			SEP		
08...	1155	27.36	01...	1015	27.63
MAY			17...	1005	27.69
07...	1440	24.52			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--280607082353001. St. Petersburg Cosme Well 3 near Citrus Park, FL.

LOCATION.--Lat 28°06'07", long 82°35'30", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ 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, 33.51 ft (10.21 m) NGVD, Oct. 1, 1979; lowest, 16.44 ft (5.01 m) NGVD, May 9, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	26.77	25.45	22.39	26.68	26.28	24.65	25.51	24.64	28.87	25.97	28.44	25.37
10	27.29	25.80	22.35	26.96	25.68	26.92	26.64	23.43	24.86	27.97	27.43	28.32
15	23.63	26.20	24.34	27.50	26.44	25.05	26.35	20.89	22.88	26.80	28.84	26.32
20	24.83	24.34	24.60	27.40	25.34	24.72	23.59	18.83	25.73	27.27	28.28	29.19
25	24.28	23.79	24.20	25.33	24.94	25.13	26.55	21.56	27.29	26.55	28.13	31.40
EOM	25.31	22.88	23.86	24.61	24.21	26.12	26.70	27.60	25.92	28.58	26.72	31.30
MEAN	25.03	24.84	24.13	26.09	25.43	25.42	25.31	23.10	26.81	27.13	27.90	28.84
MAX	27.38	26.32	27.49	27.50	26.71	28.45	28.08	27.60	28.87	28.91	28.93	31.94
MIN	21.04	22.66	21.43	24.34	23.58	22.34	22.60	16.79	22.88	25.83	26.72	25.37
WTR YR 1982	MEAN	25.83	MAX	31.94	SEP 27	MIN	16.79	MAY 21				

WELL NUMBER.--280612082200802. Morris Bridge Shallow Well 8 near Branchton, FL.

LOCATION.--Lat 28°06'12", long 82°20'08", in NW $\frac{1}{4}$ SW $\frac{1}{4}$ 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, 24.50 ft (7.47 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			JUL		
02...	1205	27.22	08...	1005	32.72
JAN			SEP		
11...	1002	27.59	01...	1115	30.95
MAR			13...	1235	31.06
05...	1130	28.55			
MAY					
10...	1330	28.40			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (semiannually); January 1973 to September 1975 (quarterly); May 1976 to September 1977 (semi-annually); March 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 34.14 ft (10.41 m) NGVD, Oct. 2, 1979; lowest, 16.46 ft (5.02 m) NGVD, May 31, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.94	20.64	21.24	21.78	21.97	28.22	24.82	21.29	24.04	25.76	25.02	25.30
10	22.09	20.65	21.37	21.77	23.18	28.96	25.39	22.70	23.64	24.91	24.29	26.79
15	21.65	22.68	20.92	22.44	23.12	28.96	25.67	20.71	24.31	24.51	25.79	25.87
20	21.27	23.18	20.75	22.22	23.24	26.52	24.70	19.45	27.20	26.20	26.92	25.61
25	23.06	22.09	20.52	22.38	27.94	24.64	24.73	19.64	25.71	23.52	25.73	26.19
EOM	20.84	22.10	21.71	22.02	28.10	24.53	21.96	22.89	24.39	28.20	25.65	27.12
MEAN	22.10	22.15	21.11	21.99	23.92	27.06	24.63	20.90	24.37	25.42	25.81	26.16
MAX	26.36	23.27	21.77	22.44	28.10	29.04	25.95	22.89	27.20	28.20	29.02	27.61
MIN	20.84	20.58	20.44	21.65	21.91	24.32	21.96	19.37	22.52	23.52	24.29	25.06
WTR YR 1982	MEAN	23.79	MAX	29.04	MAR 11	MIN	19.37	MAY 21				

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, 23.71 ft (7.23 m) NGVD, July 14-16, 25-30, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	29.31	27.73	26.61	26.02	26.37	27.07	27.98	28.72	29.83	30.76	31.48	31.76
10	28.98	27.50	26.45	26.06	26.28	27.26	28.10	28.44	29.81	31.43	31.01	33.00
15	28.70	27.31	26.29	26.07	26.17	27.56	29.32	28.17	29.50	30.98	31.48	32.13
20	28.42	27.12	26.13	26.17	26.27	27.77	29.48	27.90	31.32	30.50	32.05	31.55
25	28.19	26.95	25.98	26.36	26.66	27.84	29.26	27.62	31.10	30.20	32.30	31.95
EOM	27.94	26.77	25.90	26.42	26.83	27.86	29.03	27.68	31.27	31.43	32.47	32.40
MEAN	28.69	27.31	26.27	26.16	26.37	27.51	28.80	28.13	30.27	30.83	31.86	32.14
MAX	29.60	27.91	26.73	26.42	26.83	27.86	29.48	28.96	31.43	31.43	33.00	33.10
MIN	27.94	26.77	25.88	25.93	26.14	26.88	27.89	27.38	28.48	30.10	30.90	31.55
WTR YR 1982	MEAN	28.70	MAX	33.10	SEP 9	MIN	25.88	DEC 29	AND OTHERS			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 24.35 ft (7.42 m) NGVD, July 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 02...	1105	27.55	JUL 08...	0920	33.26
JAN 11...	0930	26.79	SEP 01...	1040	32.48
MAR 05...	1030	27.34	13...	1305	32.31
MAY 10...	1406	28.43			

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, 28.17 ft (8.59 m) NGVD, Jan. 12, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 02...	1406	31.74	JUL 08...	1315	37.08
JAN 11...	1115	30.02	SEP 01...	1242	35.26
MAR 05...	1246	30.79	13...	1054	35.40
MAY 10...	1135	32.37			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 18.41 ft (5.61 m) NGVD, June 1, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.80	22.93	22.86	24.14	24.78	30.04	26.44	23.03	23.90	27.26	27.92	27.83
10	24.15	22.92	23.19	24.21	25.24	30.78	26.95	22.87	23.49	27.64	27.00	28.95
15	23.72	23.42	22.59	24.51	23.68	30.86	27.24	21.55	25.20	26.51	29.05	28.33
20	23.57	23.30	22.50	24.69	24.21	27.23	25.90	22.09	28.23	27.76	29.49	27.83
25	23.76	23.69	22.64	24.82	29.58	25.21	25.39	21.84	27.03	26.11	29.10	28.48
EOM	23.07	23.77	24.08	24.56	29.85	24.96	23.68	22.61	26.75	29.66	28.97	29.55
MEAN	24.03	23.42	22.99	24.45	25.61	28.33	26.02	22.46	25.18	27.28	28.89	28.63
MAX	26.32	24.50	24.08	24.82	29.85	30.90	27.61	23.48	28.23	29.66	30.64	29.76
MIN	23.07	22.86	21.79	24.08	23.68	24.77	23.65	21.43	22.88	26.11	27.00	27.83
WTR YR 1982	MEAN	25.60	MAX	30.90	MAR 11 AND OTHERS			MIN	21.43	MAY 16		

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 (semiannually), incomplete; November 1976 to September 1982 (bimonthly), incomplete (discontinued). 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, 18.42 ft (5.61 m) NGVD, May 26, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
DEC			MAY		
04...	0915	22.46	11...	1000	22.27
JAN			JUN		
13...	0930	22.81	11...	1430	23.56
MAR			AUG		
04...	1016	28.29	12...	1415	27.45
APR			SEP		
07...	1330	25.53	13...	1103	28.22
MAY					
10...	1154	23.67			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 22.32 ft (6.80 m) NGVD, July 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 02...	1528	24.91	JUL 08...	1423	28.64
JAN 11...	1206	24.19	SEP 01...	1330	32.67
MAR 05...	1340	25.62	13...	1122	32.10
MAY 10...	1223	26.15			

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 at times some years.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
JUL 08...	1301	30.10	SEP 13...	1047	32.78
SEP 01...	1230	32.31			

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, 30.51 ft (9.30 m) NGVD, July 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			JUL		
02...	1347	34.81	08...	1200	39.10
JAN			SEP		
11...	1050	33.89	01...	1220	38.26
MAR			13...	1039	38.38
05...	1230	34.71			
MAY					
10...	1104	34.88			

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 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 35.53 ft (10.83 m) NGVD, Oct. 1, 1979; lowest, 22.33 ft (6.81 m) NGVD, May 23, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	28.88	27.09	26.77	27.33	27.73	30.95	28.63	26.96	27.83	29.86	31.14	30.44
10	28.23	27.03	26.39	27.49	27.91	31.49	28.56	26.71	27.38	30.50	30.35	31.10
15	27.84	27.12	26.49	27.61	27.45	31.59	29.28	25.36	27.72	30.12	30.99	30.92
20	27.53	26.97	26.42	27.90	28.12	29.33	28.65	25.41	29.53	30.08	31.30	30.60
25	27.59	26.92	25.89	28.02	30.54	28.34	27.66	25.16	29.59	29.83	31.36	31.20
EOM	27.19	26.96	27.33	27.89	30.79	28.14	27.69	26.51	30.04	30.87	31.24	31.83
MEAN	27.99	27.03	26.59	27.70	28.39	30.07	28.52	26.06	28.41	30.15	31.12	31.01
MAX	29.51	27.24	27.33	28.07	30.79	31.64	29.35	27.38	30.10	30.87	31.49	31.88
MIN	27.19	26.86	25.88	27.32	27.40	27.97	27.37	25.08	26.81	29.83	30.35	30.44
WTR YR 1982	MEAN	28.59	MAX	31.88	SEP 29	MIN	25.08	MAY 24				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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; lowest, 20.08 ft (6.12 m) NGVD, May 22, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	28.07	24.54	25.07	25.38	25.89	30.87	27.37	24.82	26.63	29.66	30.42	30.23
10	25.76	24.47	24.48	25.45	26.06	31.54	28.01	25.13	26.31	30.39	29.36	31.30
15	25.38	24.79	24.55	25.78	25.58	31.71	28.55	22.85	26.71	29.59	31.40	30.68
20	25.24	25.03	24.74	25.93	26.43	28.34	27.43	23.27	29.75	29.70	31.90	30.45
25	26.16	25.05	24.02	26.02	30.33	27.33	27.00	23.08	28.62	28.61	31.50	31.10
EOM	24.71	25.05	25.28	25.84	30.62	26.95	25.42	25.35	29.43	31.12	31.44	32.08
MEAN	25.71	24.84	24.74	25.69	26.98	29.53	27.43	24.12	27.35	29.65	31.18	31.11
MAX	28.57	25.10	25.28	26.04	30.62	31.72	28.77	25.35	29.75	31.12	32.04	32.49
MIN	24.71	24.44	23.68	25.29	25.56	26.77	25.42	22.75	24.92	28.61	29.36	30.23
WTR YR 1982	MEAN	27.36	MAX	32.49	SEP 27	MIN	22.75	MAY 16				

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 NRSB.

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, 26.13 ft (7.96 m) NGVD, July 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			JUL		
02...	1520	31.85	08...	1224	36.28
JAN			SEP		
11...	1158	30.50	01...	1346	36.72
MAR			13...	1118	36.51
05...	1313	32.29			
MAY					
10...	1213	32.83			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

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 m) 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	43.22	41.05	41.50	43.19	43.09	41.41	42.48	41.24	43.62	44.38	45.20	45.97
10	42.28	40.91	41.45	43.27	42.94	42.70	42.54	40.28	41.66	46.06	45.80	47.53
15	41.84	41.23	41.62	42.73	41.85	42.36	43.13	39.34	42.41	46.23	46.70	47.47
20	41.90	42.80	41.58	42.96	43.41	40.97	41.22	39.39	44.68	46.08	47.00	45.36
25	41.30	42.28	41.69	42.37	42.03	40.55	41.94	40.03	45.51	45.07	47.00	45.96
EOM	41.40	41.78	42.90	42.46	41.99	43.11	42.34	42.59	45.50	45.50	46.62	46.46
MEAN	42.19	41.78	41.85	42.78	42.73	41.68	42.24	40.40	43.77	45.60	46.28	46.59
MAX	44.60	42.97	43.01	43.29	43.41	43.11	43.17	42.59	45.68	46.60	47.10	47.60
MIN	41.14	40.87	41.14	41.91	41.80	39.93	40.68	38.69	41.56	44.29	45.20	45.36
WTR YR 1982	MEAN	43.16	MAX	47.60	SEP 11	MIN	38.69	MAY 22				

NOTE.--Record estimated Oct. 20 to Nov. 1, July 27 to Aug. 30.

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	35.63	34.61	37.06	37.74	37.39	34.21	36.13	35.32	37.09	39.71	41.14	40.93
10	34.79	34.56	37.04	37.99	37.45	35.41	35.27	34.30	36.43	40.79	41.16	42.35
15	34.41	34.84	36.26	36.79	36.71	34.69	36.00	31.68	35.70	39.66	42.07	42.55
20	35.51	35.74	36.10	37.18	38.81	33.63	34.56	31.73	37.73	40.92	42.12	39.59
25	33.96	35.62	35.87	36.73	36.53	34.85	35.11	32.49	38.68	40.31	41.99	40.18
EOM	34.22	34.96	37.37	36.51	36.21	36.60	35.87	35.67	40.05	41.23	41.84	40.71
MEAN	35.08	35.10	36.67	37.15	37.41	35.08	35.58	33.58	37.43	40.65	41.68	41.20
MAX	38.85	35.84	37.37	38.05	38.81	36.60	36.79	37.21	40.05	42.92	42.20	42.66
MIN	33.68	34.33	35.87	36.34	36.21	33.25	34.38	31.19	35.70	38.93	41.01	39.59
WTR YR 1982	MEAN	37.22	MAX	42.92	JUL 29	MIN	31.19	MAY 23				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

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, 39.87 ft (12.15 m) NGVD, Oct. 1, 1979; lowest, 19.00 ft (5.79 m) NGVD, May 31, 1973.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	33.29	30.94	29.64	29.19	32.18	30.59	28.38	29.95	33.80	32.14	33.19	31.17
10	31.68	32.18	28.10	29.64	32.00	33.32	32.83	30.07	28.85	34.31	34.66	34.40
15	29.43	33.09	28.57	32.03	29.05	32.07	31.79	26.09	29.31	32.48	35.96	34.49
20	30.71	29.32	30.18	32.19	32.25	31.38	29.35	25.42	32.70	33.72	36.60	34.26
25	29.20	28.54	29.30	31.01	31.52	29.83	32.44	29.68	35.08	33.16	35.21	36.02
EOM	30.83	28.16	30.97	29.19	29.40	32.55	31.61	33.20	32.77	34.05	33.11	36.62
MEAN	30.27	30.30	29.40	30.49	31.30	31.06	31.14	29.13	32.57	32.99	34.74	34.49
MAX	33.29	33.09	32.48	32.28	32.62	33.60	33.78	33.20	35.40	34.31	36.60	37.64
MIN	25.49	27.80	26.96	28.69	29.05	26.62	28.38	24.38	27.89	31.66	32.36	31.17
WTR YR 1982	MEAN	31.48	MAX	37.64	SEP 28	MIN	24.38	MAY 21				

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	41.08	38.03	39.02	41.52	41.60	39.74	41.94	38.48	42.63	44.40	43.13	43.30
10	40.38	37.94	39.35	41.44	41.54	40.97	39.76	37.46	40.78	44.10	43.37	44.40
15	39.93	38.21	40.01	41.95	40.66	40.52	40.47	37.25	41.63	43.70	44.49	44.48
20	39.63	41.41	39.96	42.32	41.58	39.26	38.92	37.60	43.80	44.20	44.37	41.76
25	38.20	41.03	39.80	41.81	41.42	37.48	39.07	38.11	44.78	43.50	44.36	42.29
EOM	38.36	40.69	41.29	41.71	41.08	42.53	39.69	41.44	44.80	44.60	44.11	42.75
MEAN	39.88	39.65	39.87	41.74	41.33	39.86	40.07	38.22	42.90	44.22	43.94	43.34
MAX	43.15	41.54	41.31	42.32	41.75	42.53	42.61	41.44	45.00	45.20	44.49	44.54
MIN	38.04	37.85	38.52	41.27	40.66	37.05	38.10	36.89	40.61	43.50	42.96	41.76
WTR YR 1982	MEAN	41.25	MAX	45.20	JUL 29	MIN	36.89	MAY 23				

NOTE.--Record estimated June 28 to Aug. 2.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--280732082305801. 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 September 1982 (discontinued). 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	37.99	36.15	37.56	39.01	38.23	36.38	37.95	35.85	38.68	40.26	41.53	41.35
10	36.80	36.16	37.63	39.30	38.36	37.60	36.42	34.85	37.44	40.56	41.67	42.72
15	36.35	36.46	37.02	39.12	38.12	36.98	37.17	33.66	37.40	39.98	42.51	42.90
20	36.19	37.33	36.82	39.59	38.71	35.97	36.08	33.69	39.41	40.74	42.63	40.32
25	35.02	37.18	36.60	39.23	38.80	35.94	36.80	34.31	40.46	40.86	42.54	40.91
EOM	35.26	36.54	38.11	39.03	38.57	38.47	37.64	37.27	40.50	41.89	42.27	41.35
MEAN	36.51	36.65	37.30	39.10	38.44	36.98	37.07	34.90	38.85	40.84	42.17	41.71
MAX	39.63	37.40	38.11	39.59	39.29	38.47	38.60	37.56	40.69	43.11	42.71	43.05
MIN	34.95	35.39	36.60	38.14	37.75	35.62	35.92	33.18	37.10	39.72	41.41	40.32
WTR YR 1982	MEAN	38.37	MAX	43.11	JUL 29	MIN	33.18	MAY 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, 3.80 ft (1.16 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	54.96	54.00	53.14	52.90	53.44	52.96	53.43	52.90	52.18	54.13	55.58	56.41
10	54.81	53.85	53.02	53.00	53.34	53.90	53.19	52.74	52.14	55.38	55.49	57.91
15	54.61	53.80	52.90	53.00	53.23	54.00	53.54	52.54	52.00	55.74	56.16	57.34
20	54.42	53.54	52.85	53.30	53.19	53.76	53.42	52.35	53.78	55.58	56.84	56.76
25	54.24	53.41	52.75	53.50	53.12	53.49	53.12	52.17	54.20	55.35	56.84	57.30
EOM	54.11	53.31	52.65	53.60	53.06	53.49	53.02	52.04	54.50	55.55	56.88	57.93
MEAN	54.59	53.70	52.92	53.19	53.28	53.59	53.32	52.51	52.93	55.21	56.23	57.38
MAX	55.15	54.09	53.29	53.70	53.56	54.05	53.55	53.00	54.52	55.78	56.94	58.61
MIN	54.11	53.31	52.60	52.65	53.06	52.96	53.02	52.04	51.95	54.13	55.47	56.32
WTR YR 1982	MEAN	54.07	MAX	58.61	SEP 26	MIN	51.95	JUN 17				

NOTE.--Record estimated Nov. 3-17, Dec. 12-15, Dec. 21 to Jan. 31.

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. 27, 1979; lowest, 50.33 ft (15.34 m) NGVD, May 14, 1974.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	55.95	54.98	54.30	55.06	54.91	54.33	54.56	54.28	55.15	56.16	56.68	56.73
10	55.55	54.77	54.19	54.97	54.77	55.23	54.77	53.89	54.62	56.84	56.50	58.28
15	55.31	54.64	54.17	55.18	54.49	54.97	55.11	53.38	54.34	56.76	57.02	57.87
20	55.06	54.74	54.02	55.23	54.87	54.59	54.57	53.19	56.11	56.47	57.46	57.31
25	55.15	54.61	54.07	55.18	54.56	54.48	54.66	53.61	56.38	56.09	57.33	57.83
EOM	55.08	54.40	55.06	54.97	54.54	54.85	54.67	54.20	56.24	56.76	57.32	58.25
MEAN	55.42	54.75	54.29	55.10	54.75	54.71	54.72	53.77	55.39	56.50	57.07	57.80
MAX	56.24	55.08	55.06	55.29	54.97	55.23	55.16	54.71	56.49	56.84	57.58	58.59
MIN	54.89	54.39	54.01	54.73	54.49	54.31	54.36	53.12	54.34	55.91	56.44	56.73
WTR YR 1982	MEAN	55.35	MAX	58.59	SEP 27	MIN	53.12	MAY 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 NRSB.

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
16...	1006	57.50	10...	1025	56.81
JAN			JUL		
25...	1128	57.87	14...	1130	58.91
MAR			SEP		
10...	1150	57.67	02...	1400	59.62
APR			13...	1407	60.85
29...	1149	57.21			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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) 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 (semiannually); 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, 30.57 ft (9.32 m) NGVD, May 22, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	38.56	36.81	36.23	37.52	37.95	39.76	36.77	35.56	37.02	39.51	40.75	39.39
10	38.02	36.58	35.44	37.52	37.12	40.45	37.41	35.27	36.28	40.51	39.23	40.42
15	37.85	36.50	35.53	38.16	37.42	40.47	38.81	32.97	37.11	39.69	40.23	39.68
20	37.43	36.08	35.95	38.33	38.30	37.45	37.22	33.84	39.52	39.51	40.72	40.18
25	37.15	36.07	35.57	38.36	39.52	37.00	36.40	34.46	39.31	39.37	40.57	40.46
EOM	36.87	35.89	37.32	38.15	39.67	36.97	36.17	35.57	39.45	40.29	40.25	40.77
MEAN	37.64	36.38	36.01	37.96	38.08	38.72	37.12	34.57	37.78	39.71	40.44	40.18
MAX	38.97	36.84	37.32	38.42	39.67	40.61	38.81	36.00	40.06	40.61	41.07	41.17
MIN	36.87	35.89	35.13	37.34	36.94	36.60	36.17	32.69	35.40	39.02	39.23	39.24
WTR YR 1982	MEAN	37.88	MAX	41.17	SEP 27	MIN	32.69	MAY 16				

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 mi (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, 69.59 ft (21.21 m) NGVD, July 6, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			JUL		
29...	1533	72.33	09...	1345	75.94
JAN			SEP		
12...	1455	73.87	02...	1145	75.87
MAR			15...	1445	75.66
03...	1220	74.76			
MAY					
11...	1422	72.60			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

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 September 1982 (discontinued). 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, 40.30 ft (12.28 m) NGVD, Sept. 30, Oct. 1, 1979; lowest, 18.11 ft (5.52 m) NGVD, May 5, 1972.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	33.32	29.50	28.82	31.85	32.50	30.13	30.11	29.72	30.58	31.77	35.01	29.91
10	30.65	29.73	28.54	29.86	32.00	32.17	32.69	26.81	30.40	34.90	35.97	36.38
15	30.28	32.41	30.80	29.33	29.72	30.76	29.84	25.94	29.53	30.75	35.56	34.47
20	31.01	28.95	27.94	32.84	29.64	31.75	26.98	28.78	33.87	35.71	35.11	34.69
25	29.05	28.87	28.43	31.01	29.71	27.51	32.73	30.36	35.39	35.26	31.52	35.28
EOM	31.14	26.78	31.33	30.67	30.55	33.06	33.30	33.09	32.11	32.79	31.84	36.58
MEAN	30.16	29.67	29.13	30.84	31.10	30.65	30.66	28.85	32.41	33.20	34.29	34.59
MAX	33.32	32.41	31.33	33.11	33.39	34.06	33.72	33.25	35.89	35.71	35.97	37.01
MIN	25.75	26.78	26.23	26.53	28.78	26.82	25.40	23.02	29.43	30.34	31.29	29.91
WTR YP 1982	MEAN	31.29	MAX	37.01	SEP 12	MIN	23.02	MAY 12				

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 September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.42 ft (9.27 m) NGVD, Oct. 3, 1979; lowest measured, 17.47 ft (5.32 m) NGVD, Aug. 2, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
03...	1140	24.30	10...	1644	23.19
DEC			JUN		
11...	1230	23.21	01...	1432	23.47
JAN			JUL		
11...	0948	23.76	13...	1343	25.80
FEB			AUG		
08...	1512	24.51	06...	1100	26.88
MAR			SEP		
08...	1236	24.09	13...	1456	28.19
APR					
05...	1530	24.16			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

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, 35.76 ft (10.90 m) NGVD, July 8, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	39.66	37.82	37.20	38.42	39.18	39.17	38.65	38.53	37.64	39.46	40.53	40.37
10	39.06	37.70	37.13	38.62	39.11	39.78	39.23	38.17	37.38	40.05	40.12	42.02
15	38.68	37.62	37.14	39.26	38.97	39.38	40.15	37.81	37.46	39.39	40.21	41.31
20	38.31	37.50	37.24	39.60	39.80	38.98	39.42	37.51	38.96	39.11	41.08	42.57
25	38.06	37.40	37.21	39.58	39.66	38.70	38.98	37.31	39.82	40.70	40.72	42.84
EOM	37.95	37.29	38.12	39.31	39.56	38.96	38.83	37.34	40.07	41.39	41.54	42.88
MEAN	38.76	37.60	37.31	39.05	39.37	39.22	39.24	37.85	38.37	39.92	40.85	42.03
MAX	40.08	37.92	38.12	39.62	39.83	39.78	40.28	38.76	40.17	41.39	42.20	44.12
MIN	37.95	37.29	37.09	38.17	38.97	38.64	38.47	37.23	37.27	39.11	39.79	40.20
WTR YR 1982	MEAN	39.13	MAX	44.12	SEP 27	MIN	37.09	DEC 13	AND OTHERS			

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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
01...	1230	58.40	27...	1205	62.74
DEC			MAY		
10...	1445	57.86	10...	0945	58.32
JAN			JUL		
04...	1355	59.83	06...	1420	63.59
FEB			AUG		
05...	1345	61.44	05...	1410	61.72
MAR			SEP		
01...	1400	59.16	13...	0837	61.45
APR					
02...	1402	63.09			

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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1225	61.36	27...	1200	62.66
DEC			MAY		
10...	1440	60.52	10...	0948	61.67
JAN			JUL		
04...	1350	62.33	06...	1415	63.50
FEB			AUG		
05...	1350	62.31	05...	1405	63.24
MAR			SEP		
01...	1405	61.90	13...	0834	63.59
APR					
02...	1400	62.85			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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.--Tape measured. Measuring point: Top of plywood cover, 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 October 1979; November 1979 to current year (monthly).

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	0950	42.45	27...	1020	44.05
DEC			MAY		
10...	1450	43.41	10...	0930	42.05
JAN			JUL		
04...	1155	44.59	06...	1225	46.10
FEB			AUG		
02...	1130	44.65	05...	1350	47.26
MAR			SEP		
01...	1350	44.52	13...	0905	48.36
APR					
06...	1351	44.42			

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 September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.28 ft (10.14 m) NGVD, Oct. 3, 1979; lowest measured, 25.83 ft (7.87 m) NGVD, June 30, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
03...	1130	27.98	10...	1653	27.34
DEC			JUN		
11...	1220	26.99	01...	1445	27.32
JAN			JUL		
11...	0937	27.69	13...	1350	29.31
FEB			AUG		
08...	1520	27.97	06...	1050	29.78
MAR			SEP		
08...	1226	27.84	13...	1503	30.43
APR					
05...	1540	28.22			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 NRSB.

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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	0945	57.96	27...	0958	58.85
DEC			MAY		
10...	1500	56.03	10...	0943	57.00
JAN			JUL		
04...	1150	58.48	06...	1210	57.12
FEB			AUG		
04...	1125	58.91	05...	1334	58.48
MAR			SEP		
01...	1340	57.78	13...	0910	59.44
APR					
06...	1356	58.03			

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: Top of coupling, 0.20 ft (0.06 m) above land-surface datum. Prior to Apr. 30, 1981, 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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	0940	43.05	27...	0955	44.66
DEC			MAY		
10...	1505	43.94	10...	0951	42.75
JAN			JUL		
04...	1145	45.14	06...	1200	46.53
FEB			AUG		
04...	1120	45.17	05...	1325	47.76
MAR			SEP		
01...	1340	45.01	13...	0918	48.79
APR					
06...	1358	45.03			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	42.61	40.31	41.04	42.76	42.53	42.01	42.55	41.27	42.45	43.94	45.33	45.80
10	41.30	40.48	41.28	43.02	42.81	42.81	41.57	40.35	41.93	44.76	45.29	46.80
15	41.04	40.90	41.26	42.78	42.34	42.51	42.43	38.86	41.33	45.00	45.60	46.85
20	40.44	41.05	40.70	43.52	43.11	41.71	41.52	38.66	43.22	44.98	46.00	45.49
25	39.73	41.08	40.58	43.25	42.58	41.25	41.45	39.14	44.53	45.01	46.40	46.10
EOM	39.81	40.60	42.34	42.92	42.50	42.85	42.34	40.96	44.54	45.38	45.50	46.20
MEAN	41.07	40.71	41.08	43.01	42.69	42.14	42.03	39.91	42.78	44.75	45.70	46.19
MAX	43.41	41.18	42.34	43.52	43.13	42.93	43.04	42.28	44.67	45.51	46.40	46.90
MIN	39.73	39.88	40.36	42.40	42.34	41.15	40.92	38.35	41.28	43.94	45.12	45.43
WTR YR 1982	MEAN	42.67	MAX	46.90	SEP 11	AND OTHERS	MIN	38.35	MAY 22	AND OTHERS		

NOTE.--Record estimated Aug. 12 to Sept. 12, Sept. 27-30.

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, 31.69 ft (9.66 m) NGVD, Sept. 26, 1982; lowest, 18.20 ft (5.55 m) NGVD, May 17, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	26.13	25.94	25.45	25.50	26.48	24.10	24.74	23.02	26.60	25.56	27.44	26.45
10	25.30	25.50	25.23	25.90	26.37	25.65	23.92	21.17	24.16	27.04	29.33	29.44
15	24.31	25.63	24.50	26.68	25.38	24.06	24.54	20.49	22.55	26.49	28.07	27.70
20	23.97	23.52	25.01	27.19	25.94	22.65	21.70	20.76	25.78	28.20	29.88	27.03
25	23.13	23.31	25.07	26.42	25.20	24.21	25.46	21.85	28.74	27.49	28.62	31.13
EOM	24.06	23.74	26.59	26.24	25.10	26.44	25.23	23.84	26.62	27.97	27.86	30.10
MEAN	24.58	24.67	25.26	26.66	26.03	24.61	24.25	21.72	25.54	27.34	28.62	28.74
MAX	26.16	26.36	27.34	27.38	27.18	27.14	26.21	24.49	29.23	29.37	30.28	31.69
MIN	22.41	22.78	22.60	25.50	24.97	22.55	21.40	19.80	22.33	25.36	27.07	26.45
WTR YR 1982	MEAN	25.66	MAX	31.69	SEP 26	MIN	19.80	MAY 13				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HILLSBOROUGH COUNTY

WELL NUMBER.--280946082310403. Pasco South EM 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.--Tape measured. Measuring point: Top of 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 October 1980; November 1980 to September 1982 (monthly), discontinued.

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1010	44.51	27...	1030	46.44
DEC			MAY		
10...	1255	45.38	10...	1805	44.03
JAN			JUL		
04...	1210	46.03	06...	1235	48.08
FEB			AUG		
04...	1150	46.55	05...	0830	49.42
MAR			SEP		
01...	1215	46.13	13...	1041	50.32
APR					
06...	1230	46.32			

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 NRSB.

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 September 1982 (monthly), incomplete (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.49 ft (9.60 m) NGVD, Oct. 3, 1979; lowest measured, 22.76 ft (6.94 m) NGVD, July 15, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
03...	1453	25.78	10...	1505	25.60
DEC			JUN		
07...	1515	25.41	01...	1333	25.53
JAN			JUL		
11...	1240	26.11	13...	1328	27.50
FEB			AUG		
08...	1335	26.58	02...	1347	27.81
MAR			SEP		
08...	1127	26.34	13...	1416	29.43
APR					
05...	1318	26.29			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 September 1982, incomplete (discontinued). 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	23.64	23.44	23.36	23.08	23.77	21.62	21.06	18.99	21.40	22.50	24.30	23.14
10	22.69	22.46	23.44	22.70	23.84	21.97	20.72	17.14	21.09	23.10	26.55	26.52
15	21.33	23.02	21.94	23.60	22.41	20.20	21.25	17.30	19.09	22.69	24.77	23.73
20	21.41	20.49	22.58	24.49	22.61	18.87	17.57	17.69	22.69	25.81	26.64	23.46
25	20.41	19.83	23.41	23.35	22.10	21.36	22.36	18.62	26.54	24.37	25.00	28.30
EOM	21.46	21.11	24.35	23.12	22.15	23.33	22.00	20.69	23.30	23.70	23.87	27.14
MEAN	21.81	21.97	23.02	23.98	23.25	21.29	20.88	18.30	22.38	24.11	25.24	25.45
MAX	23.98	24.22	25.60	25.05	25.14	24.91	23.50	21.01	27.20	27.32	27.39	28.86
MIN	18.83	19.67	19.63	22.70	21.87	18.83	17.27	16.35	19.09	21.62	23.59	22.99
WTR YR 1982	MEAN	22.64	MAX	28.86	SEP 26	MIN	16.35	MAY 13				

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 September 1982 (monthly), incomplete (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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
03...	1427	16.39	10...	1546	14.84
DEC			JUN		
07...	1447	16.01	01...	1309	16.51
JAN			JUL		
11...	1218	25.34	13...	1312	18.78
FEB			AUG		
08...	1300	25.72	02...	1320	20.12
MAR			SEP		
08...	1100	19.84	13...	1355	27.39
APR					
05...	1253	23.99			

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 casing, 1.71 ft (0.52 m) above land-surface datum. Prior to June 3, 1980, 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 September 1982 (monthly), incomplete (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, 38.11 ft (11.62 m) NGVD, Sept. 4, 1974; lowest measured, 30.03 ft (9.15 m) NGVD, Aug. 7, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
03...	1425	31.02	10...	1540	31.57
DEC			JUN		
07...	1445	30.50	01...	1307	33.27
JAN			JUL		
11...	1217	31.96	13...	1310	34.47
FEB			AUG		
08...	1258	32.69	02...	1315	34.86
MAR			SEP		
08...	1058	33.62	13...	1357	35.34
APR					
05...	1250	32.99			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 September 1982 (monthly), 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, 58.66 ft (17.88 m) NGVD, Sept. 13, 1982; lowest measured, 30.31 ft (9.24 m) NGVD, May 12, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1000	43.93	27...	1005	45.48
DEC			MAY		
10...	1300	42.40	10...	1030	44.63
JAN			JUL		
04...	1200	46.23	06...	1215	55.84
FEB			AUG		
04...	1140	47.51	05...	1338	56.04
MAR			SEP		
01...	1220	46.56	13...	1001	58.66
APR					
06...	1235	46.47			

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 September 1982 (monthly), incomplete (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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
03...	1413	21.31	10...	1615	20.78
DEC			JUN		
08...	1447	20.71	01...	1238	20.54
JAN			JUL		
11...	1155	20.43	13...	1250	22.76
FEB			AUG		
08...	1217	21.24	02...	1250	22.94
MAR			SEP		
08...	1036	21.22	13...	1316	24.53
APR					
05...	1215	21.01			

WATER RESOURCES DATA FOR FLORIDA, 1982
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KEY TO SITE LOCATIONS ON FIGURE 11

LAKE COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	282245081492601	154
1	282245081492602	154
2	282717081553101	155

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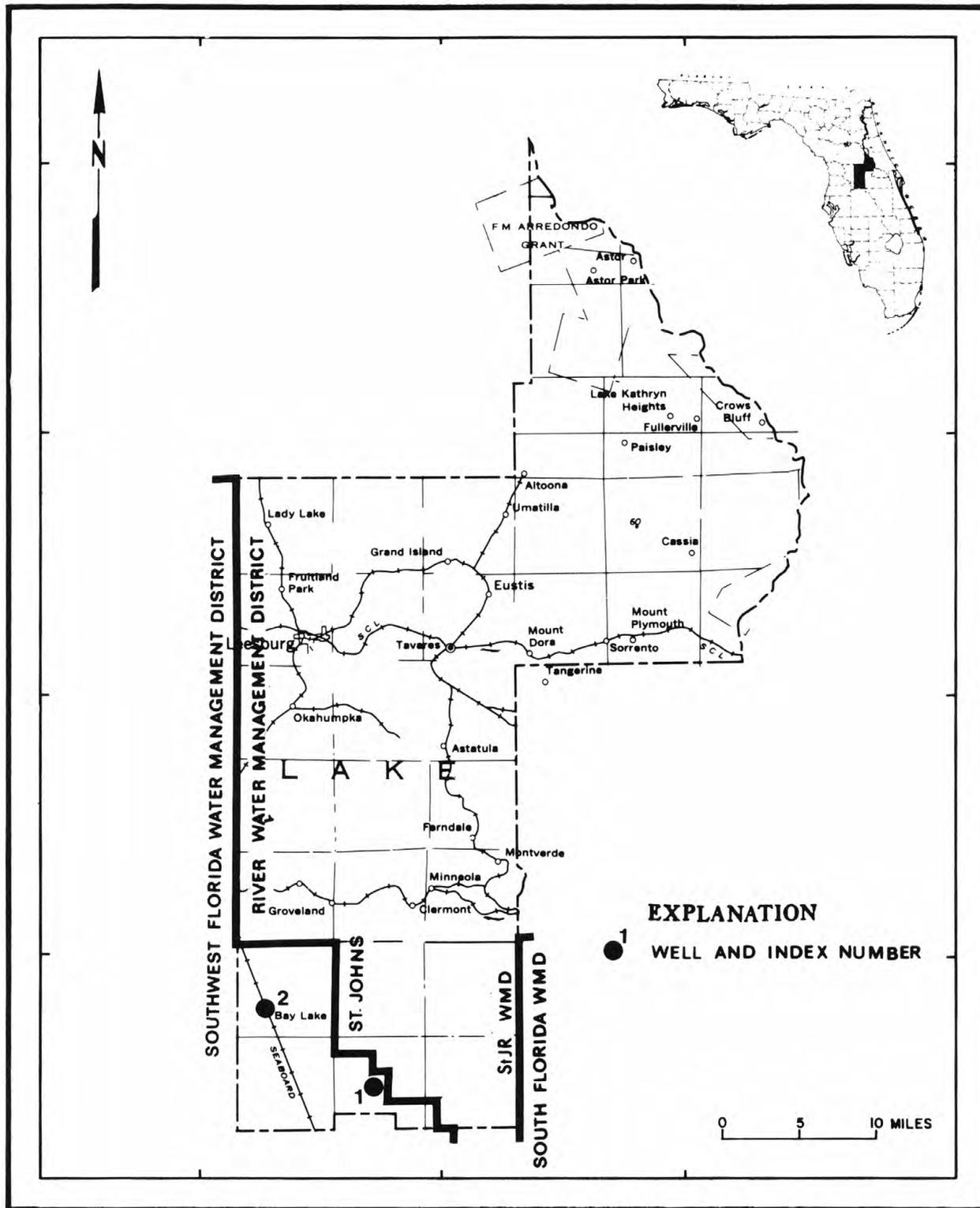


Figure 11. Location of wells in Lake County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 Highway 33, 1,000 ft (305 m) north of State Highway 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 (59 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 (34.59 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1959 to December 1962, January 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, 112.72 ft (34.36 m) NGVD, Sept. 10, 1960; lowest measured, 105.52 ft (32.16 m) NGVD, May 13, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 03...	1142	109.29	JUL 21...	1419	110.94
FEB 03...	1455	110.48	SEP 14...	1420	111.25
APR 16...	1410	110.70			
MAY 11...	1230	109.07			

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" in NE¼SE¼SE¼ sec.20, T.24 S., R.25 E., Hydrologic Unit 03100208, on east side of State Highway 33, 1,000 ft (305 m) north of State Highway 474 at Eva.

AQUIFER.--Nonartesian sand aquifer of the Tertiary Quaternary Age, Geologic Unit 111 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian 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 June 1962, July 1962 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, 107.21 ft (32.68 m) NGVD, May 13, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 03...	1145	110.73	JUL 21...	1414	112.12
FEB 03...	1453	111.71	SEP 14...	1425	112.01
APR 06...	1413	112.03			
MAY 11...	1225	110.45			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LAKE COUNTY

WELL NUMBER.--282717081553101. Local Number 827-155-02. 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 Highway 565, 800 ft (244 m) west of Seaboard Airline Railroad crossing, and 2.3 mi (3.7 km) southwest of intersection of Bay Lake Road and State Highway 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 404 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	97.83	97.60	96.99	98.27	98.34	98.47	98.53	98.19	98.66	98.92	98.74	98.76
10	97.66	97.58	96.88	98.16	98.32	98.73	98.92	97.98	98.35	98.97	98.68	99.30
15	97.47	97.45	96.85	98.61	98.49	98.59	98.90	97.58	98.51	98.76	98.93	99.01
20	97.19	97.34	96.63	98.58	98.83	98.43	98.74	97.37	99.17	98.69	99.11	98.87
25	97.27	97.13	96.67	98.52	98.63	98.53	98.61	98.27	99.28	98.62	98.92	98.60
EOM	97.13	97.04	98.24	98.41	98.56	98.68	98.41	98.81	99.05	98.87	98.92	99.05
MAX	98.03	97.72	98.24	98.65	98.95	98.81	99.01	98.81	99.48	99.00	99.15	99.30
WTR YR 1982	MEAN	98.30	MAX	99.48	JUN 22	MIN	96.63	DEC 20				

WATER RESOURCES DATA FOR FLORIDA, 1982
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KEY TO SITE LOCATIONS ON FIGURE 12

LEVY COUNTY

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4	290230082412501	159
5	290743082341501	160
6	291910082341101	160
7	292430082283001	161

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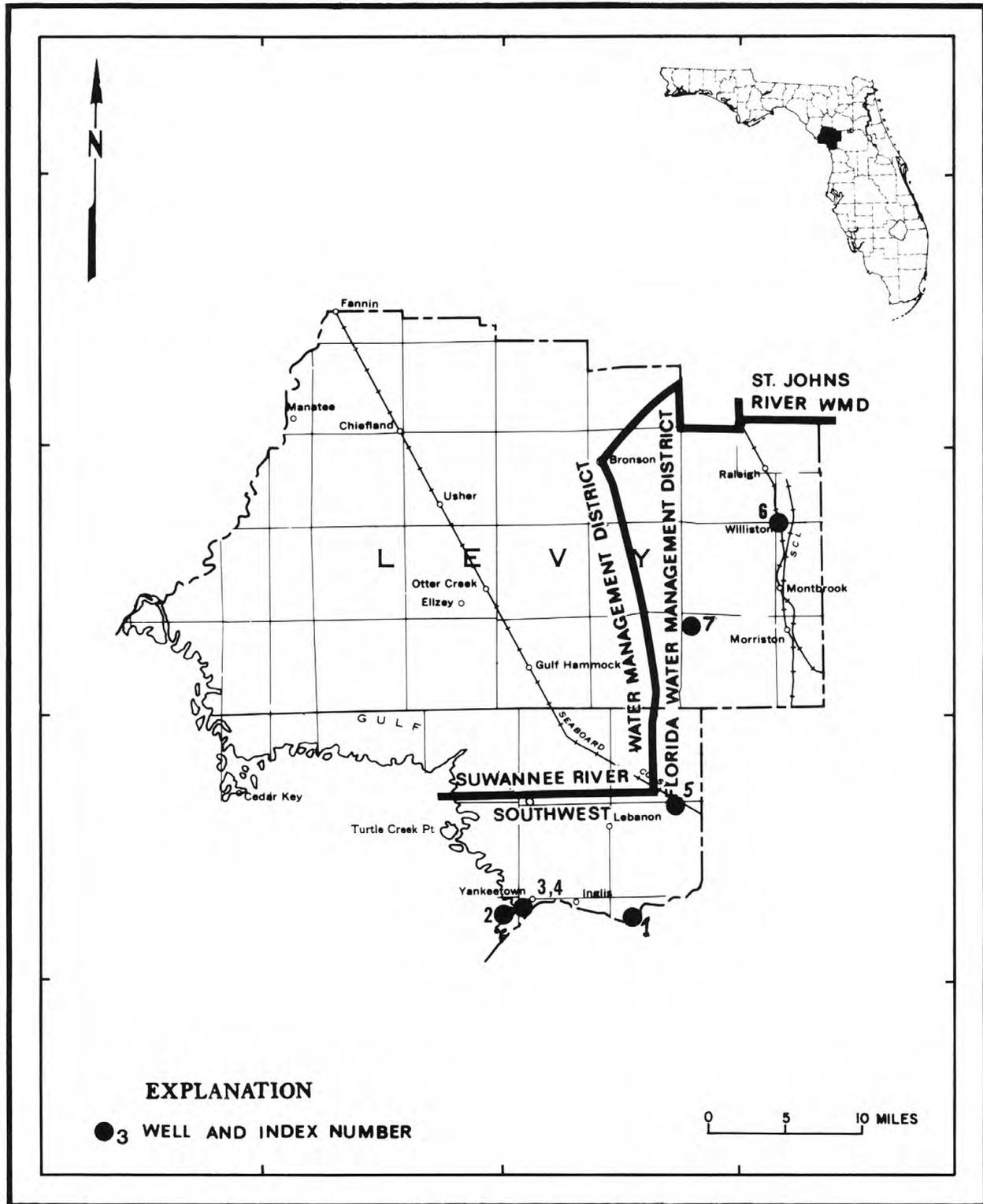


Figure 12. Location of wells in Levy County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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.

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.24	4.51	---	4.01	4.03	4.42	4.95	4.49	4.99	5.90	6.21	6.54
10	4.75	5.01	---	4.26	4.62	4.16	4.18	4.86	4.69	6.02	5.79	6.63
15	4.14	---	3.89	3.54	---	4.44	4.27	4.26	4.37	5.81	6.13	7.17
20	3.94	---	3.36	3.91	4.42	4.38	4.69	4.75	5.33	6.64	6.50	7.33
25	4.92	---	4.46	3.99	4.44	4.89	5.16	5.10	5.37	5.90	6.27	7.53
EOM	3.86	---	4.12	4.55	4.30	4.48	4.18	4.68	5.55	5.79	6.12	7.63
MAX	4.98	5.02	4.62	5.50	4.62	5.15	5.33	5.23	5.71	6.64	6.94	7.79
WTR YR 1982	MEAN	5.03	MAX	7.79	SEP 26	MIN	3.36	DEC 20				

WELL NUMBER.--290200082432301. ROMP Deep Well 124 near Yankeetown, FL.

LOCATION.--Lat 29°02'00", long 82°43'23", in NW¼NE¼NE¼ 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), 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, 4.60 ft (1.40 m) NGVD, Sept. 22, 1982; lowest, 1.74 ft (0.53 m) NGVD, June 12, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.60	2.46	2.24	2.55	2.74	2.93	3.62	3.05	3.44	4.09	3.85	3.82
10	2.66	2.89	2.35	2.59	3.00	3.26	3.28	3.16	3.12	4.09	3.82	4.14
15	---	2.72	2.90	2.78	2.68	3.32	3.60	2.87	2.80	4.01	4.03	4.08
20	---	2.94	1.90	2.66	2.91	3.16	3.37	2.79	3.97	4.40	4.39	4.13
25	---	2.63	2.41	2.67	2.95	3.53	3.62	2.96	4.31	4.03	4.10	4.34
EOM	1.99	2.59	2.41	2.85	2.96	3.50	3.26	3.10	4.21	3.95	3.66	4.01
MAX	3.04	3.04	2.90	3.35	3.10	3.66	3.93	3.50	4.38	4.40	4.42	4.60
WTR YR 1982	MEAN	3.24	MAX	4.60	SEP 22	MIN	1.78	NOV 1				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 SW¼NW¼NE¼ 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT 26...	1500	3.61	JUN 03...	1030	3.94
DEC 14...	1455	2.82	AUG 31...	1545	7.13
FEB 11...	--	3.17	SEP 13...	1715	5.49
APR 21...	1400	5.09			

WELL NUMBER.--290230082412501. Local Number Levy 902-241-02. ROMP Deep Well 125 at Crackertown, FL.

LOCATION.--Lat 29°02'30", long 82°41'25", in SE¼SW¼SE¼ sec.33, T.16 S., R.16 E., Hydrologic Unit 03110101, 40 ft (12 m) southwest of intersection of State Highway 40A and Schoolcraft Road at Crackertown.

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

WELL CHARACTERISTICS.--Drilled, observation, unused, artesian well, diameter 6 in (15 cm), depth 280 ft (85 m), cased to 270 ft (82 m).

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.46 ft (2.27 m) NGVD, Sept. 22, 1982; lowest, 1.50 ft (0.46 m) NGVD, July 11,12, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.56	2.60	2.43	2.64	3.12	3.35	---	---	3.95	6.16	5.66	5.81
10	3.41	3.01	2.48	2.85	3.25	4.56	---	---	3.59	6.34	5.97	6.60
15	3.01	2.94	2.70	3.03	3.11	4.40	---	3.73	3.23	6.76	6.04	6.30
20	2.80	3.05	2.17	3.24	3.43	---	---	3.47	5.31	6.66	6.83	6.01
25	2.86	2.80	2.44	3.23	3.46	---	4.74	3.33	6.73	6.32	6.73	7.23
EOM	2.50	2.69	2.57	3.15	3.42	---	4.56	3.51	6.56	6.06	6.17	6.65
MAX	3.92	3.07	2.74	3.34	3.56	4.58	4.87	4.42	6.84	6.78	6.85	7.46
WTR YR 1982	MEAN	4.23	MAX	7.46	SEP 22	MIN	2.17	DEC 20				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEVY COUNTY

WELL NUMBER.--290743082341501. Tidewater Well No. 1 near Dunnellon, FL.

LOCATION.--Lat 29°07'43", long 82°34'15", in NE¼SE¼NE¼ sec.34, T.15 S., R.17 E., Hydrologic Unit 03110101, on south side of State Highway 336 in Tidewater, 9.8 mi (15.8 km) northwest of Dunnellon.

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

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 12 in (30 cm), depth 784 ft (239 m), cased to 298 ft (91 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.82 ft (1.16 m) above land-surface datum.

DATUM.--Land-surface datum is 70.07 ft (21.36 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1981 to September 1982.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 61.81 ft (18.84 m) NGVD, Sept. 26, 1982; lowest, 55.37 ft (16.88 m) NGVD, Dec. 20, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	56.66	55.80	55.56	55.48	55.91	56.07	57.41	58.46	58.83	60.70	61.05	61.30
10	56.45	55.99	55.53	55.52	55.90	56.74	57.38	58.34	58.70	60.91	61.02	61.61
15	56.29	56.08	55.51	55.74	55.84	56.79	58.14	58.13	59.06	61.01	61.06	61.57
20	56.06	55.86	55.37	56.04	56.23	56.79	58.41	57.97	59.74	61.03	---	61.50
25	56.01	55.70	55.44	56.03	56.12	56.94	58.63	58.09	60.42	60.90	---	61.76
EOM	55.79	55.68	55.53	56.00	56.09	57.27	58.56	58.20	60.66	61.06	---	61.60
MAX	56.88	56.09	55.72	56.06	56.33	57.27	58.65	58.55	60.66	61.06	61.12	61.81
WTR YR 1982	MEAN	57.84	MAX	61.81	SEP 26	MIN	55.37	DEC 20				

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 03110101, 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, 1.00 ft (0.30 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 December 1977 (semiannually); January 1978 to July 1979, August to September 1979 (semiannually), October 1979 to current year (bimonthly). Since October 1981 records of daily water levels in files of Suwannee River Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.81 ft (16.10 m) NGVD, Sept. 13, 1982; lowest measured, 42.51 ft (12.96 m) NGVD, Feb. 12, 1982.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			JUN		
29...	0925	43.92	03...	1620	48.30
DEC			AUG		
23...	1510	42.92	02...	1200	51.78
FEB			SEP		
12...	1200	42.51	13...	1550	52.81
APR					
06...	1530	42.73			
MAY					
11...	1330	48.83			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEVY COUNTY

WELL NUMBER.--292430082283001. Local Number Levy 924-228-01. Devils Den Sink CE 8 near Williston, FL.

LOCATION.--Lat 29°24'26", long 82°28'36", in NW¼SE¼SE¼ sec.26, T.12 S., R.18 E., Hydrologic Unit 03080102, 1,000 ft (305 m) west of county road, 1.3 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 32 ft (9.8 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, 43.09 ft (13.13 m) NGVD, Feb. 12, 1982.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			JUN		
29...	0830	44.07	03...	1525	48.56
DEC			AUG		
23...	1415	43.34	02...	1315	51.93
FEB			SEP		
12...	1115	43.09	13...	1310	52.57
APR					
06...	1420	43.39			
MAY					
11...	1205	48.46			

WATER RESOURCES DATA FOR FLORIDA, 1982
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KEY TO SITE LOCATIONS ON FIGURE 13

MANATEE COUNTY

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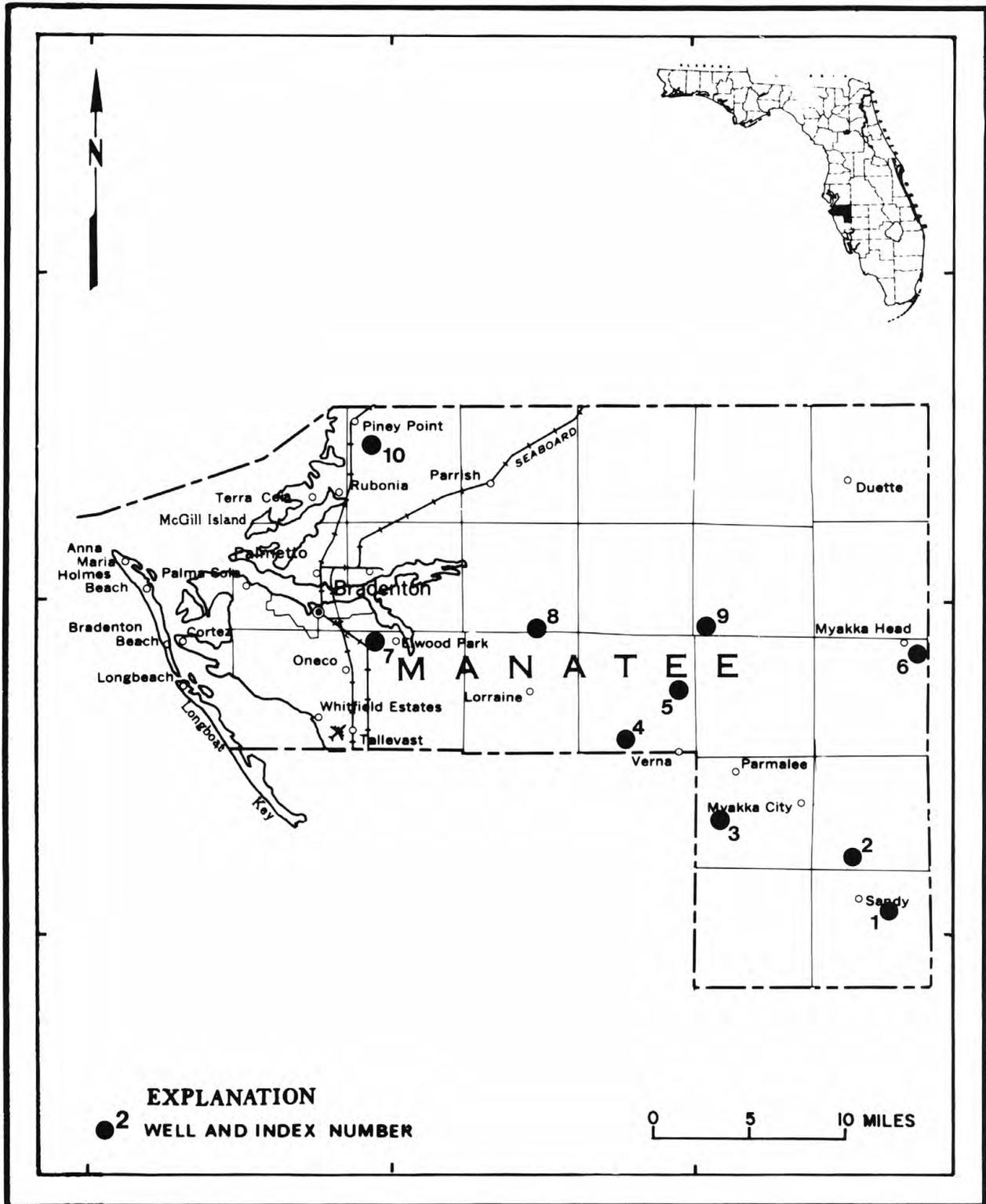


Figure 13. Location of wells in Manatee County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MANATEE COUNTY

WELL NUMBER.--271611082050201. Jacobson Deep Well near Edgeville, FL.

LOCATION.--Lat 27°16'11", long 82°05'02", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ 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, 2.33 ft (0.71 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
08...	1725	43.95	12...	1740	38.95
DEC			JUL		
09...	1518	40.50	13...	1510	43.93
FEB			SEP		
26...	0930	39.49	15...	1540	45.05
MAY					
12...	1710	38.95			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 IMSN.

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, Mar 1976.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	37.41	33.60	32.88	31.30	30.08	30.52	31.35	30.15	31.17	37.01	40.12	39.60
10	37.45	33.64	32.78	31.99	29.67	31.31	30.70	29.70	32.31	37.68	40.22	39.42
15	36.96	33.53	32.27	31.75	28.77	32.13	31.36	28.96	33.34	38.26	40.30	39.40
20	35.90	33.71	31.98	31.58	30.43	31.28	30.61	28.14	34.55	38.79	40.26	38.69
25	34.90	33.47	32.09	31.21	30.98	30.69	29.54	28.28	35.47	39.22	40.52	39.36
EOM	34.21	33.11	31.66	30.50	30.59	31.04	30.52	29.73	36.31	39.70	40.08	39.86
MEAN	36.32	33.58	32.40	31.46	30.05	31.07	30.76	29.20	33.43	38.26	40.26	39.38
MAX	37.62	34.21	33.10	32.04	30.99	32.13	31.41	30.51	36.31	39.70	40.52	39.95
MIN	34.21	33.04	31.66	30.50	28.77	30.22	29.54	27.90	30.16	36.43	39.82	38.67
WTR YR 1982	MEAN	33.87	MAX	40.52	AUG 23 AND OTHERS			MIN	27.90	MAY 23		

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)		
OCT	08...	1650	68.83	MAY	12...	1615	67.24
DEC	09...	1615	66.74	JUL	13...	1450	68.29
FEB	26...	1030	66.68	SEP	15...	1520	67.52

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 TH 0-2 near Verna.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 32.59 ft (9.93 m) NGVD, Aug. 22, 1982; lowest, 0.57 ft (0.17 m) NGVD, May 24, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	26.90	21.60	20.92	22.30	20.08	17.63	19.80	17.95	18.50	27.73	31.03	29.84
10	26.15	22.02	21.49	22.13	19.50	19.90	18.40	17.24	20.40	28.61	31.45	30.26
15	25.20	21.91	21.01	21.67	18.69	21.10	19.80	15.06	22.30	29.16	31.82	29.62
20	23.67	21.90	20.90	20.77	19.25	19.40	17.50	13.83	24.40	30.20	32.35	29.20
25	22.74	21.73	21.25	21.57	19.33	18.00	16.56	12.90	25.70	30.56	32.37	29.69
EOM	21.90	21.10	22.24	21.06	17.94	19.10	18.21	15.60	27.00	31.04	31.46	30.76
MEAN	24.78	21.79	21.23	21.74	19.32	19.12	18.43	15.41	22.33	29.31	31.72	30.04
MAX	27.60	22.19	22.24	22.49	21.05	21.10	19.90	18.40	27.00	31.04	32.59	31.06
MIN	21.90	21.10	20.77	20.77	17.92	17.46	15.84	12.24	15.70	27.10	30.57	29.20

WTR YR 1982 MEAN 22.96 MAX 32.59 AUG 22 MIN 12.24 MAY 22

NOTE.--Record estimated Oct. 1-5, 8, 15, 16, Oct. 21 to Nov. 5, Nov. 29 to Dec. 2, Dec. 17-21, Mar. 6 to Apr. 21, May 24 to July 1.

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	36.55	34.11	33.97	34.86	34.14	34.12	34.00	32.77	33.54	38.55	40.69	40.90
10	36.43	34.18	34.30	35.15	33.83	34.55	33.77	32.31	34.49	38.99	40.95	40.61
15	35.67	34.42	34.13	35.02	33.47	34.68	33.74	31.76	35.57	39.52	41.44	40.61
20	35.10	34.32	34.31	35.36	33.77	34.00	33.15	31.19	36.92	39.68	41.67	40.60
25	34.48	34.21	34.28	35.02	33.95	33.57	32.09	31.41	37.44	39.77	41.62	40.82
EOM	33.97	34.02	34.52	34.73	34.02	33.79	32.68	32.49	37.94	40.12	40.72	41.24
MEAN	35.53	34.21	34.23	35.03	33.93	34.10	33.32	31.99	35.64	39.30	41.17	40.75
MAX	36.91	34.43	34.53	35.37	34.66	34.82	34.01	32.79	37.94	40.12	41.78	41.24
MIN	33.97	33.95	33.83	34.56	33.47	33.46	32.09	31.01	32.73	38.02	40.30	40.48

WTR YR 1982 MEAN 35.78 MAX 41.78 AUG 22 AND OTHERS MIN 31.01 MAY 22

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 32.40 ft (9.88 m) estimated, NGVD, Aug. 21, 22, 1982; lowest, 0.54 ft (0.16 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.64	19.39	19.45	21.60	19.05	17.20	18.30	15.73	19.28	28.54	31.90	29.10
10	24.27	19.41	19.63	21.63	17.35	19.58	17.49	14.65	21.14	29.44	31.70	28.50
15	22.55	19.90	18.90	21.03	17.01	19.77	17.96	12.54	22.95	30.09	31.70	29.41
20	21.42	19.88	19.84	21.59	18.46	17.75	15.84	11.71	25.16	30.70	32.30	28.21
25	19.76	19.61	19.93	20.89	18.29	16.59	13.99	13.33	26.68	31.30	32.00	30.60
EOM	18.66	18.55	21.15	19.27	18.35	18.34	15.93	16.58	27.58	31.60	30.70	31.20
MEAN	22.42	19.48	19.66	21.15	18.20	18.22	16.73	13.99	23.07	30.08	31.82	29.55
MAX	25.88	20.13	21.15	21.83	19.87	20.08	18.72	16.58	27.58	31.60	32.40	31.30
MJN	18.66	18.55	18.32	19.27	16.92	16.57	13.10	11.17	17.15	27.86	30.70	28.00

WTR YR 1982 MEAN 22.06 MAX 32.40 AUG 21 AND OTHERS MIN 11.17 MAY 22

NOTE.--Record estimated July 17 to Sept. 14, Sept. 22-30.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MANATEE COUNTY

WELL NUMBER.--272814082034801. ROMP 32 Avon Park Well at Myakka Head, FL.

LOCATION.--Lat 27°28'14", long 82°03'48", in SW¼SE¼ sec.36, T.34 S., R.22 E., Hydrologic Unit 03100101, 150 ft (50 m) north of State Highway 64, 0.6 mi (1.0 km) west of Hardee County line, and 0.8 mi (1.3 km) east of Myakka Head.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 1,215 ft (370 m), cased to 909 ft (277 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 104.11 ft (31.73 m) National Geodetic Vertical Datum of 1929.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 42.41 ft (12.92 m) NGVD, Aug. 25, 1982; lowest, 3.47 ft (1.06 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	36.05	30.69	29.30	26.62	23.62	24.08	26.12	25.62	25.45	34.93	41.18	41.72
10	35.28	29.90	28.30	26.45	23.33	24.85	25.57	25.20	27.29	36.63	41.78	41.76
15	34.28	30.00	27.62	25.29	22.62	26.11	26.34	23.87	28.85	37.79	41.87	41.76
20	32.91	29.30	26.61	25.27	23.80	25.73	25.98	22.74	30.68	39.00	41.98	40.90
25	31.20	29.40	26.04	25.28	24.35	25.03	24.79	22.13	32.40	39.43	42.41	41.54
EOM	30.47	29.30	26.65	24.53	24.48	25.29	25.56	23.61	33.74	40.31	42.14	42.02
MEAN	33.67	29.85	27.50	25.64	23.61	25.10	25.67	23.93	29.07	37.66	41.79	41.61
MAX	36.25	30.69	29.40	26.65	24.52	26.12	26.34	25.73	33.74	40.31	42.41	42.10
MIN	30.40	29.30	25.90	24.53	22.60	24.08	24.72	21.81	24.05	33.94	40.51	40.90
WTR YR 1982	MEAN	30.47	MAX	42.41	AUG 25	MIN	21.81	MAY 23				

NOTE.--Record estimated Nov. 10 to Dec. 14.

WELL NUMBER.--272814082034802. ROMP 32 Suwannee Well at Myakka Head, FL.

LOCATION.--Lat 27°28'14", long 82°03'48", in SW¼SE¼ sec.36, T.34 S., R.22 E., Hydrologic Unit 03100102, 150 ft (46 m) north of State Highway 64, 0.6 mi (1.0 km) west of Hardee County line, and 0.8 mi (1.3 km) east of Myakka Head.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 600 ft (183 m), cased to 560 ft (171 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 103.89 ft (31.67 m) National Geodetic Vertical Datum of 1929.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 43.22 ft (13.17 m) NGVD, Aug. 27, 1982; lowest, 4.06 ft (1.24 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	36.65	31.40	29.40	27.21	24.25	24.60	26.49	26.19	25.78	35.45	41.81	42.66
10	35.99	30.60	28.80	26.98	23.92	25.14	26.09	25.81	27.62	37.24	42.50	42.62
15	34.88	30.00	28.27	25.70	23.23	26.41	26.89	24.57	29.23	38.48	42.62	42.59
20	33.52	29.50	27.29	25.80	24.40	26.26	26.62	23.54	31.03	39.65	42.68	41.82
25	32.00	29.60	26.58	25.84	24.87	25.59	25.35	22.67	32.89	40.12	43.15	42.27
EOM	31.20	29.50	27.24	25.12	24.88	25.66	25.98	23.98	34.24	40.94	43.04	42.77
MEAN	34.32	30.20	27.94	26.21	24.17	25.52	26.19	24.54	29.45	38.28	42.51	42.47
MAX	36.80	31.40	29.40	27.26	25.00	26.47	26.92	26.24	34.24	40.94	43.22	43.00
MIN	31.20	29.40	26.47	25.12	23.21	24.56	25.35	22.53	24.45	34.45	41.13	41.82
WTR YR 1982	MEAN	31.03	MAX	43.22	AUG 27	MIN	22.53	MAY 23 AND OTHERS				

NOTE.--Record estimated Oct. 24 to Dec. 14, Feb. 20-22.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MANATEE COUNTY

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) estimated, NGVD, Aug. 13, 1978; lowest, 1.91 ft (0.58 m) NGVD, May 19, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.98	13.06	13.89	16.82	15.13	14.72	15.52	13.18	14.78	18.90	20.24	18.02
10	15.86	13.68	14.29	16.87	14.75	15.87	13.73	11.67	15.29	19.33	20.26	18.96
15	14.43	14.19	13.47	16.00	13.73	16.07	13.88	8.99	15.36	19.58	20.56	19.59
20	12.70	14.08	13.70	16.74	15.25	14.57	12.19	7.50	16.91	19.95	20.72	18.59
25	12.39	13.73	14.49	16.76	15.57	13.27	10.46	8.41	18.12	20.12	20.59	19.43
EOM	12.43	13.12	16.40	15.86	15.33	15.07	13.26	12.58	18.77	20.11	19.30	19.88
MEAN	14.46	13.61	14.24	16.52	14.90	14.93	13.39	10.46	16.15	19.58	20.36	19.02
MAX	17.75	14.28	16.40	16.95	15.71	16.33	15.52	13.70	18.77	20.16	20.81	19.88
MIN	12.37	12.57	13.03	15.72	13.73	13.27	10.09	7.04	13.12	18.63	19.30	17.93
WTR YR 1982	MEAN	15.64	MAX	20.81	AUG 21	MIN	7.04	MAY 22				

WELL NUMBER.--272829082220101. Manatee-Schroeder State Highway 64 Deep Well near Verna, FL.

LOCATION.--Lat 27°28'29", long 82°22'01", in NW¼NW¼ sec.1 (corrected), 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, 21.50 ft (6.55 m) estimated, NGVD, Aug. 16, 17, 18, 1982; lowest, 10.15 ft (3.09 m) below NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.19	7.86	8.19	12.59	8.85	8.65	9.83	6.63	10.95	18.61	21.36	16.90
10	12.84	8.90	8.22	12.19	8.28	11.09	8.15	4.94	12.82	19.18	21.22	17.60
15	10.34	9.18	7.82	11.68	7.19	11.05	8.03	1.27	13.81	19.81	21.40	17.55
20	8.50	8.87	8.94	12.46	9.92	8.67	4.84	-0.81	15.61	20.31	21.40	16.57
25	7.32	7.65	9.42	12.18	9.58	7.41	3.31	2.02	16.90	20.71	20.80	18.51
EOM	7.69	6.79	11.92	10.81	9.90	9.52	6.89	7.52	17.93	21.06	19.55	18.81
MEAN	10.65	8.26	8.84	11.93	9.05	9.39	7.03	3.47	14.03	19.78	21.09	17.75
MAX	15.33	9.64	11.92	12.66	10.92	11.62	9.83	7.52	17.93	21.06	21.50	19.15
MIN	7.32	6.59	6.44	10.39	7.16	7.21	2.30	-1.00	8.27	18.06	19.55	16.42
WTR YR 1982	MEAN	11.80	MAX	21.50	AUG 16 AND OTHERS	MIN	-1.00	MAY 21				

NOTE.--Record estimated Aug. 15 to Sept. 14.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MANATEE COUNTY

WELL NUMBER.--272838082142201. Kibler Deep Well 26B near Bethany, FL.

LOCATION.--Lat 27°28'38", long 82°14'22", in SE $\frac{1}{4}$ NE $\frac{1}{4}$ 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) estimated, NGVD, Aug. 20, 1978; lowest, 9.90 ft (3.02 m) below NGVD, May 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	21.38	13.50	12.93	15.38	11.89	10.46	11.53	8.15	12.63	23.87	28.70	26.00
10	19.82	13.72	12.94	15.65	9.95	12.59	10.01	6.64	15.02	24.96	28.50	24.70
15	18.04	14.09	11.70	14.30	8.81	13.44	10.67	4.28	16.92	25.94	28.80	25.23
20	16.19	13.85	12.74	15.03	11.34	11.06	7.32	2.74	19.22	26.90	29.20	23.86
25	14.07	13.17	12.75	14.31	11.66	9.38	5.36	4.29	21.03	27.54	28.90	25.54
EOM	13.18	12.01	14.80	12.87	11.23	11.46	8.57	9.14	22.60	28.29	27.50	26.63
MEAN	17.59	13.53	12.80	14.71	10.92	11.34	9.23	5.78	17.04	25.95	28.68	25.37
MAX	22.30	14.21	14.80	15.76	12.98	13.48	11.98	9.14	22.60	28.29	29.20	27.40
MIN	13.18	12.01	11.55	12.87	8.81	9.38	5.01	2.38	9.89	22.83	27.50	23.86
WTR YR 1982	MEAN	16.12	MAX	29.20	AUG 20	AND OTHERS	MIN	2.38	MAY 22			

NOTE.--Record estimated Aug. 4 to Sept. 13.

WELL NUMBER.--273718082315501. Florida Power and Light Well at Piney Point, FL.

LOCATION.--Lat 27°37'18", long 82°31'55", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ 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 12 in (30 cm), depth 950 ft (290 m), cased to 104 ft (32 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. Prior to October 1979, published as (273718082315401) Willis Well at Piney Point.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.49 ft (5.94 m) NGVD, Aug. 14, 1978; lowest, 2.55 ft (0.78 m) below NGVD, May 22, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.87	9.25	10.90	16.10	12.30	12.00	13.09	11.02	14.75	17.26	18.46	16.99
10	11.94	9.40	10.70	15.50	11.50	14.40	11.80	8.73	15.07	17.21	18.39	17.36
15	9.14	10.65	10.50	15.10	10.60	13.70	11.82	4.80	15.35	17.69	18.75	17.71
20	8.40	10.65	9.14	15.80	13.62	10.07	8.11	3.60	16.65	18.32	18.90	16.60
25	8.39	9.30	12.10	15.50	13.30	10.40	8.05	7.96	17.18	18.32	18.47	18.40
EOM	7.84	9.23	15.10	14.10	13.20	13.00	12.16	12.75	17.24	18.45	16.89	18.30
MEAN	10.10	9.58	11.25	15.28	12.47	12.24	10.83	8.13	15.78	17.79	18.43	17.29
MAX	15.13	10.72	15.10	16.10	14.20	14.80	14.06	12.75	17.43	18.45	18.99	18.70
MIN	7.79	8.33	8.62	13.70	10.40	9.75	5.35	3.29	13.21	16.94	16.89	15.64
WTR YR 1982	MEAN	13.27	MAX	18.99	AUG 19	MIN	3.29	MAY 22				

NOTE.--Record estimated Dec. 5-16, Dec. 22 to Feb. 18, Feb. 23 to Mar. 15, Mar. 24-31, Sept. 18-30.

WATER RESOURCES DATA FOR FLORIDA, 1982
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KEY TO SITE LOCATIONS ON FIGURE 14

MARION COUNTY

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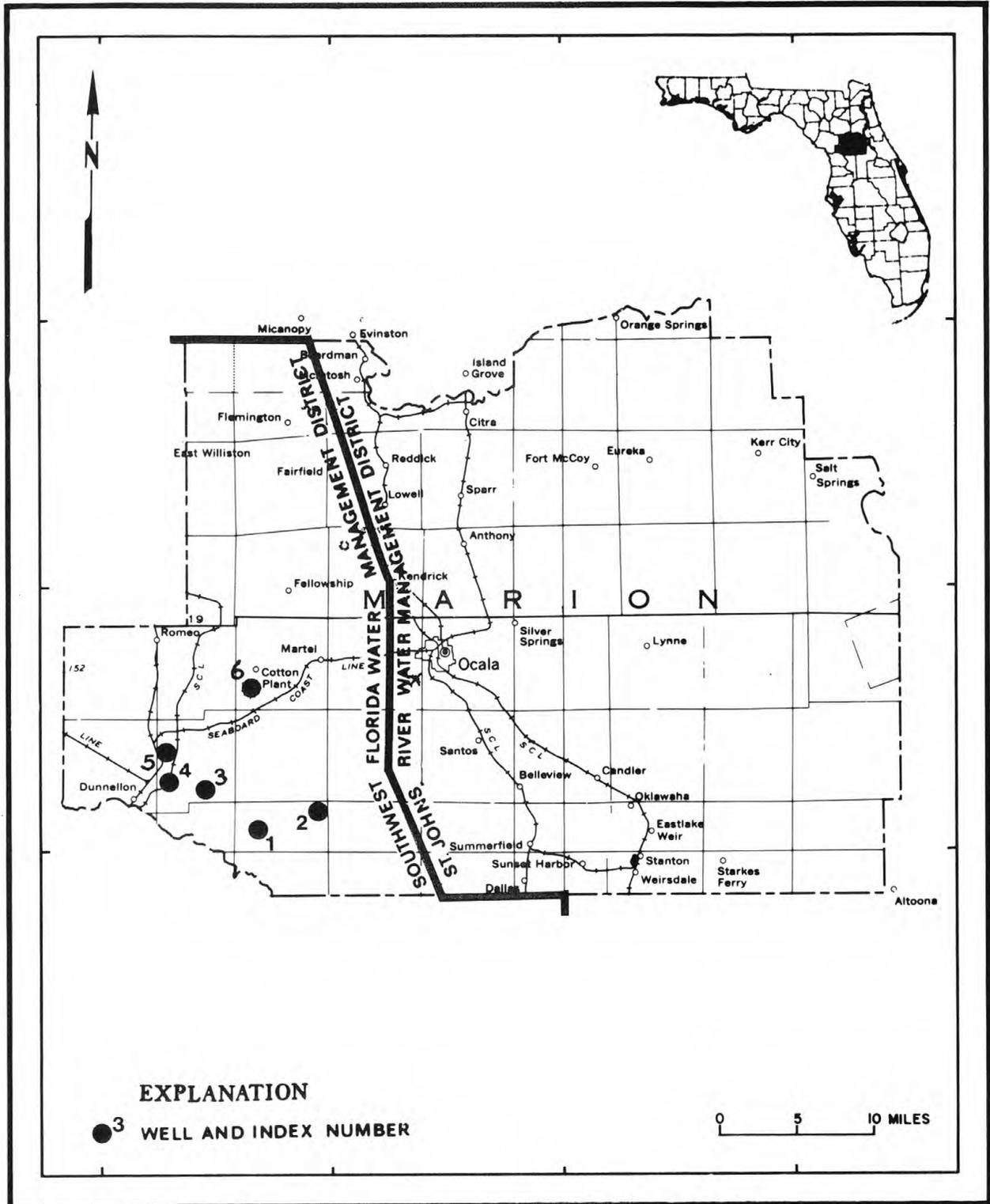


Figure 14. Location of wells in Marion County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 37.10 ft (11.31 m) NGVD, Feb. 10, 1982.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
NOV 09...	1345	39.01	MAY 12...	1530	41.92
DEC 15...	--	37.85	JUN 25...	0905	46.45
FEB 10...	1530	37.10	SEP 09...	1120	47.36
APR 13...	1351	39.03	14...	0900	49.45

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT 26...	0915	41.52	MAY 12...	1445	45.97
DEC 15...	1500	41.00	JUN 25...	0840	46.46
FEB 12...	1320	40.90	AUG 30...	0920	50.26
APR 13...	1405	43.36	SEP 14...	0740	49.58

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT 26...	0940	50.16	MAY 12...	1410	52.05
DEC 15...	1440	49.42	JUN 03...	1245	53.97
FEB 12...	1015	49.90	AUG 30...	1330	58.74
APR 21...	1745	52.72	SEP 14...	1010	60.32

WELL NUMBER.--290312082250801. Local Number 903-225-01. 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, 34.31 ft (10.46 m) NGVD, Feb. 28, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	35.41	35.25	34.89	34.57	34.41	34.37	---	---	37.35	41.87	43.58	45.88
10	35.36	35.20	34.85	34.50	34.38	---	---	---	37.21	42.16	43.52	46.16
15	35.38	35.15	34.86	34.47	34.38	---	---	---	37.22	42.80	43.76	47.06
20	35.33	35.11	34.69	34.51	34.39	---	---	---	37.86	43.32	44.58	47.26
25	35.30	35.05	34.74	34.47	34.37	---	---	---	39.49	43.58	45.42	48.56
EOM	35.26	35.00	34.66	34.42	34.31	---	---	---	41.07	43.67	45.73	49.19
MAX	35.42	35.25	34.99	34.64	34.42	34.41	37.35	---	41.07	43.67	45.73	49.19
WTR YR 1982	MEAN	38.40	MAX	49.19	SEP 30	MIN	34.31	FEB 28				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 SW¼NW¼SW¼ 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	30.37	30.44	30.35	30.24	30.21	30.20	30.66	31.34	31.39	32.68	33.25	33.19
10	30.39	30.44	30.34	30.24	30.21	30.31	30.64	31.37	31.36	32.90	33.20	33.36
15	30.40	30.44	30.31	30.25	30.21	30.38	30.79	31.37	31.37	33.11	33.20	33.72
20	30.40	30.41	30.29	30.23	30.23	30.43	30.98	31.34	31.69	33.17	33.22	33.88
25	30.41	30.39	30.28	30.23	30.20	34.28	31.18	31.35	32.13	33.23	33.21	34.19
EOM	30.44	30.38	30.27	30.22	30.20	34.14	31.29	31.37	32.42	33.28	33.20	34.38
MEAN	30.40	30.42	30.31	30.24	30.21	31.21	30.88	31.35	31.64	33.02	33.22	33.71
WTR YR 1982	MEAN	31.39	MAX	34.38	SEP 30	MIN	30.19	FEB 11	AND OTHERS			

WELL NUMBER.--291059082190801. Romp 120 near Cotton Plant, FL.

LOCATION.--Lat 29°10'59", long 82°19'08", in NE¼SE¼SE¼ sec.17, T.15 S., R.20 E., Hydrologic Unit 03080102, on south side of State Highway 328, 0.4 mi (0.6 km) west of State Highway 40 in Cotton Plant.

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

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 8 in (20 cm), depth 403 ft (123 m), cased to 110 ft (33 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 3.22 ft (0.98 m) above land-surface datum.

DATUM.--Land-surface datum is 76.04 ft (23.18 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1981 to September 1982.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 50.69 ft (15.45 m) Aug. 2,3, 1982; lowest, 41.03 ft (12.51 m) Feb. 14, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	42.18	41.89	41.49	41.17	41.09	41.35	42.14	46.45	46.14	49.14	50.67	50.20
10	42.15	41.83	41.45	41.11	41.06	41.50	43.05	46.47	46.15	49.72	50.62	50.23
15	42.11	41.76	41.45	41.06	41.07	41.67	44.90	46.42	46.10	50.12	50.59	50.49
20	42.02	41.72	41.34	41.11	41.20	41.82	45.70	46.32	46.58	50.28	50.45	50.54
25	41.98	41.63	41.30	41.13	41.27	41.91	46.14	46.21	47.60	50.33	50.40	50.62
EOM	41.87	41.58	41.24	41.12	41.29	41.99	46.31	46.09	48.57	50.61	50.28	50.63
MAX	42.23	41.89	41.56	41.22	41.29	41.99	46.31	46.49	48.57	50.61	50.69	50.65
WTR YR 1982	MEAN	44.80	MAX	50.69	AUG 2	AND OTHERS	MIN	41.03	FEB 14			

WATER RESOURCES DATA FOR FLORIDA, 1982
VOLUME 3B: SOUTHWEST FLORIDA

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	281453082380302	202
2	281022082335101	179	25	281500082384501	203
2	281022082335102	179	25	281500082384502	203
3	281023082075701	180	26	281504082104801	204
3A	281023082305702	180	27	281526082374701	205
4	281025082384601	181	27	281526082374702	205
5	281035082305701	182	28	281532082412301	206
5	281035082305702	182	28	281532082412302	206
6	281037082071801	183	29	281535082241301	207
7	281042082304602	183	29	281535082241302	207
8	281046082303102	184	30	281558082264601	208
8	281050082305902	185	31	281622082241301	208
8	281053082310401	186	32	281636082372001	209
8	281053082310402	186	32	281636082372002	209
9	281055082302401	187	33	281650082244501	210
9	281055082302402	187	33	281650082244502	210
9	281101082292501	188	34	281654082065901	211
9	281101082292502	188	35	281715082164401	212
10	281104082310502	189	35	281715082164402	212
10	281104082312002	189	36	281719082224801	213
11	281117082291501	190	36	281719082224802	213
12	281118082305902	190	37	281746082233701	214
13	281120082245501	191	37	281746082233702	214
14	281120082302702	191	38	281845082224001	215
15	281124082353001	192	38	281845082224002	215
16	281126082303802	193	39	281917082420901	216
16	281143082304702	194	40	281918082264601	216
16	281143082304703	194	40	281918082264602	217
17	281222082393401	195	41	281922082403901	217
17	281222082393403	195	42	281923082252201	218
18	281424082192701	196	42	281923082252202	218
18	281424082192702	196	43	281926082212901	219
19	281427082382801	197	43	281926082212903	219
19	281427082382802	197	44	281949082332001	220
20	281431082371801	198	44	281949082332002	220
20	281431082371802	198	45	282009082373801	221
21	281441082380301	199	46	282147082113004	221
22	281447082371002	199	46	282259082104101	222
23	281448082301801	200	47	282540082275701	223
24	281451082380701	201	47	282540082275702	223
24	281451082380702	201	48	282641082112001	224
24	281453082380301	202			

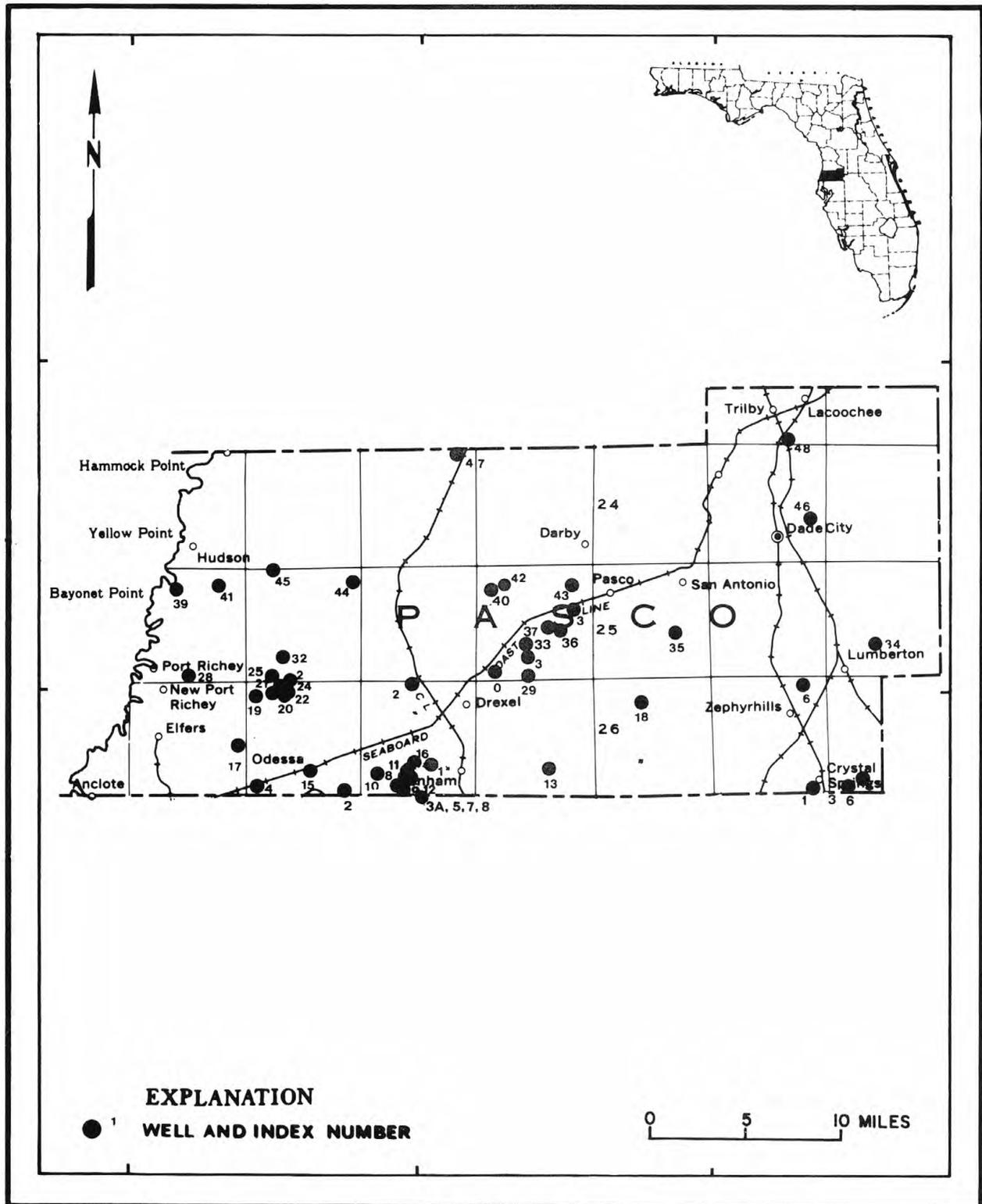


Figure 15. Location of wells in Pasco County

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 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 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 (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, 62.87 ft (19.16 m) NGVD, Sept. 19, 1979; lowest measured, 56.16 ft (17.12 m) NGVD, July 6, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			JUL		
30...	1410	57.98	12...	1235	60.77
JAN			AUG		
06...	1410	60.15	27...	1350	61.67
MAR			SEP		
02...	1430	60.61	15...	1415	61.77
MAY					
11...	1409	59.12			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	0915	59.71	27...	0938	60.84
DEC			MAY		
09...	1105	58.37	10...	1251	59.62
JAN			JUL		
04...	1125	60.30	06...	1140	61.18
FEB			AUG		
04...	1100	60.64	04...	0930	61.99
MAR			SEP		
01...	1325	58.57	15...	0744	61.64
APR					
06...	1409	60.42			

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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	0917	60.70	27...	0940	62.01
DEC			MAY		
09...	1110	60.05	10...	1255	60.93
JAN			JUL		
04...	1130	61.17	06...	1143	62.81
FEB			AUG		
04...	1105	61.49	04...	0935	62.82
MAR			SEP		
01...	1330	60.80	16...	0746	62.72
APR					
06...	1410	61.63			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

WELL NUMBER.--281023082075701. Weicht Deep Well near Crystal Springs, FL.

LOCATION.--Lat 28°10'23", long 82°07'57", in SE¼SW¼ 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, 73.86 ft (22.51 m) NGVD, July 6, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			JUL		
30...	1420	75.90	08...	1515	81.05
JAN			AUG		
06...	1440	78.36	27...	1330	81.97
MAY					
14...	1400	78.13			

WELL NUMBER.--281023082305702. St. Petersburg Shallow Well 41 near Land O'Lakes, FL.

LOCATION.--Lat 28°10'23", long 82°30'57", in SW¼SW¼ 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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1015	55.31	27...	1035	57.95
DEC			MAY		
10...	1252	54.69	10...	1558	55.51
JAN			20...	0755	55.05
04...	1225	57.73	JUL		
FEB			06...	1240	57.82
04...	1150	57.84	AUG		
11...	0755	56.86	05...	0835	57.70
MAR			SEP		
01...	1227	56.41	13...	1055	58.64
APR					
06...	1238	57.22			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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

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, 25.25 ft (7.70 m) NGVD, Sept. 26, 1982; lowest, 5.07 ft (1.55 m) NGVD, May 18, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.79	20.08	19.00	19.18	19.25	16.08	15.18	12.59	19.72	17.54	19.56	18.86
10	16.01	17.69	18.85	16.52	18.46	16.58	14.14	10.89	15.23	19.47	22.88	22.86
15	15.21	17.20	15.15	18.63	17.29	14.59	15.71	12.30	13.38	17.55	20.04	18.66
20	16.93	15.40	17.40	20.79	16.98	12.21	11.20	11.93	18.27	19.99	22.50	17.77
25	14.11	14.40	19.26	18.99	15.10	15.98	17.36	12.22	20.33	20.08	21.55	24.67
EOM	15.04	16.00	17.17	19.06	15.31	18.02	14.57	14.19	17.54	20.60	20.77	23.10
MEAN	16.05	16.61	17.79	19.48	18.02	15.36	14.88	12.31	17.30	19.84	20.94	21.02
MAX	19.28	20.08	21.18	21.40	21.19	20.64	18.20	15.99	21.89	22.51	23.28	25.25
MIN	11.98	13.94	14.40	16.52	14.92	11.92	11.20	10.35	13.38	17.45	18.77	17.57
WTR YR 1982	MEAN	17.46	MAX	25.25	SEP 26	MIN	10.35	MAY 12				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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) 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 September 1982 (discontinued). 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	44.34	43.29	44.82	46.29	45.37	45.63	45.66	43.82	43.77	46.85	48.53	47.35
10	43.67	42.44	44.41	46.35	45.25	46.63	45.07	43.12	43.80	48.46	48.55	49.76
15	44.04	42.57	43.53	46.44	46.42	46.33	45.82	42.29	42.93	47.73	49.15	49.66
20	44.25	43.56	43.37	46.25	47.13	45.87	46.10	42.16	45.79	47.78	49.33	49.05
25	42.27	43.44	43.30	46.08	45.41	45.28	45.02	42.05	47.92	47.45	48.79	48.52
EOM	42.14	43.17	45.03	45.79	45.22	45.86	45.47	42.89	47.61	48.62	47.89	48.73
MEAN	43.81	43.08	44.08	46.18	45.85	46.06	45.39	42.94	45.03	48.18	48.68	48.91
MAX	46.59	43.99	45.03	49.09	47.17	48.54	46.10	45.45	48.30	52.39	49.33	50.17
MIN	42.14	42.10	43.29	45.08	44.90	45.10	43.88	42.05	42.93	46.85	47.89	47.35
WTR YR 1982	MEAN	45.68	MAX	52.39	JUL 12	MIN	42.05	MAY 25				

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 NRSB.

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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1020	55.90	27...	1040	57.34
DEC			MAY		
10...	1249	54.55	10...	1541	55.67
JAN			JUL		
04...	1230	57.10	06...	1240	58.00
FEB			AUG		
04...	1205	57.64	05...	0843	57.14
MAR			SEP		
01...	1204	56.41	13...	1108	57.68
APR					
06...	1241	56.97			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 80.52 ft (24.54 m) NGVD, July 6, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			JUL		
30...	1430	82.48	09...	1520	90.00
JAN			AUG		
06...	1433	84.59	27...	1337	90.45
MAR			SEP		
02...	1445	88.60	15...	1430	90.18
MAY					
11...	1352	86.50			

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 NRSB.

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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1105	54.96	27...	1052	56.75
DEC			MAY		
10...	1305	54.10	10...	1611	55.08
JAN			20...	0759	54.50
04...	1300	56.41	JUL		
FEB			06...	1254	58.31
04...	1305	56.76	AUG		
11...	0800	56.26	05...	0900	57.66
MAR			SEP		
01...	1230	56.04	13...	1239	58.55
APR					
06...	1245	56.52			

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 NRSB.

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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1110	55.02	27...	1055	56.36
DEC			MAY		
10...	1310	54.22	10...	1632	55.43
JAN			20...	0805	54.72
04...	1305	54.92	JUL		
FEB			06...	1258	59.08
04...	1310	55.94	AUG		
11...	0807	55.19	05...	0905	58.55
MAR			SEP		
01...	1235	56.00	13...	1254	59.57
APR					
06...	1248	56.69			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 NRSB.

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 September 1982 (monthly), 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, 59.24 ft (18.06 m) NGVD, Oct. 4, 1979; lowest measured, 53.31 ft (16.25 m) NGVD, July 7, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1030	55.12	27...	1044	57.10
DEC			MAY		
10...	1207	54.19	10...	1505	55.17
JAN			20...	0815	54.54
04...	1237	56.86	JUL		
FEB			06...	1247	57.92
04...	1210	57.34	AUG		
11...	0815	56.50	05...	0920	57.79
MAR			SEP		
01...	1155	56.24	13...	1120	58.71
APR					
06...	1312	56.77			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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.--Tape measured. Measuring point: Top of 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 September 1981; October 1981 to September 1982 (monthly). 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1040	40.94	27...	1047	43.75
DEC			MAY		
10...	1245	42.14	10...	1515	41.62
JAN			JUL		
04...	1240	43.78	06...	1250	45.29
FEB			AUG		
04...	1220	43.50	05...	1005	46.51
MAR			SEP		
01...	1200	43.64	13...	1128	47.37
APR					
06...	1315	44.06			

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 NRSB.

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	56.13	54.78	53.75	55.97	56.33	56.47	56.37	55.27	55.68	57.40	57.50	58.30
10	55.66	54.47	53.64	55.55	55.94	56.74	56.41	54.84	54.89	57.96	58.06	58.10
15	55.29	54.20	53.66	57.20	56.25	56.51	56.55	54.41	54.57	57.90	58.11	58.30
20	54.91	54.07	53.60	56.15	56.30	56.24	56.10	54.12	56.82	57.70	58.25	58.11
25	54.87	53.94	53.49	55.85	55.83	57.33	56.38	54.88	57.82	57.49	58.10	58.42
EOM	54.49	53.81	55.21	55.85	55.71	56.85	55.85	55.84	57.07	57.75	58.25	58.64
MEAN	55.32	54.22	53.90	55.98	56.15	56.61	56.39	54.88	56.24	57.66	58.03	58.35
MAX	56.43	54.78	55.21	57.20	57.15	57.61	57.54	55.84	57.85	58.04	58.30	58.86
MIN	54.49	53.81	53.49	55.29	55.70	55.53	55.74	54.01	54.50	57.02	57.40	58.10
WTR YR 1982	MEAN	56.14	MAX	58.86	SEP 26 AND OTHERS	MIN	53.49	DEC 24 AND OTHERS				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (discontinued). 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	49.29	46.79	47.61	49.77	49.95	50.35	49.88	47.76	48.61	51.00	51.69	52.10
10	48.80	46.87	47.36	49.88	49.93	50.24	49.45	47.19	48.70	51.75	52.15	52.63
15	48.21	46.68	48.12	50.04	49.66	49.99	50.06	46.88	48.03	51.48	52.69	52.50
20	48.87	48.60	47.97	49.96	49.83	49.64	49.89	46.76	51.21	51.99	52.87	52.00
25	47.96	48.50	48.00	49.85	50.15	49.62	49.76	47.06	52.32	51.64	52.94	52.48
EOM	47.91	48.35	48.90	49.62	50.01	50.05	50.12	47.80	52.20	51.74	52.55	52.68
MEAN	48.69	47.70	47.92	49.81	49.84	50.04	49.75	47.44	49.88	51.97	52.40	52.63
MAX	50.66	48.60	48.90	51.62	50.15	51.48	50.15	50.09	52.36	55.05	52.94	54.10
MIN	47.91	46.62	47.27	48.95	49.40	49.44	48.31	46.71	47.98	51.00	51.52	52.00
WTR YR 1982	MEAN	49.84	MAX	55.05	JUL 12	MIN	46.62	NOV 11				

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 September 1982 (monthly), 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, 60.22 ft (18.36 m) NGVD, July 6, 1982; lowest measured, 53.03 ft (16.16 m) NGVD, Apr. 24, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)		
NOV	05...	1115	54.97	APR	27...	1105	56.34
DEC	10...	1315	54.24	MAY	10...	1703	55.53
JAN	04...	1307	55.27	JUL	06...	1307	60.22
FEB	04...	1320	55.75	AUG	05...	0910	58.67
MAR	01...	1238	55.84	SEP	13...	1315	59.36
APR	06...	1250	56.73				

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, 1.50 ft (0.46 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 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
DEC			MAY		
10...	1350	55.93	10...	1245	56.30
FEB			AUG		
05...	1305	56.20	05...	1215	59.00
APR			SEP		
02...	1310	56.41	13...	1518	59.99

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, 1.50 ft (0.46 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), 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, 65.45 ft (19.95 m) NGVD, Sept. 19, 1979; well observed dry at times some years.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
AUG			SEP		
05...	1213	61.48	13...	1522	63.46

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

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 September 1982 (monthly), 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, 59.17 ft (18.04 m) NGVD, Oct. 4, 1979; lowest measured, 49.09 ft (14.96 m) NGVD, June 11, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1055	52.15	27...	1130	53.63
DEC			MAY		
10...	1205	51.49	10...	1423	53.04
JAN			20...	0832	52.45
04...	1250	52.31	JUL		
FEB			06...	1328	52.87
04...	1300	53.10	AUG		
11...	0835	52.95	05...	1015	57.42
MAR			SEP		
01...	1152	52.87	13...	1206	58.96
APR					
06...	1306	53.99			

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 September 1982 (monthly), 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, 61.47 ft (18.74 m) NGVD, Oct. 4, 1979; lowest measured, 51.82 ft (15.79 m) NGVD, June 10, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1050	55.94	27...	1127	56.77
DEC			MAY		
10...	1200	55.02	10...	1438	56.30
JAN			20...	0837	56.01
04...	1245	54.67	JUL		
FEB			06...	1330	61.25
04...	1255	56.10	AUG		
11...	0848	56.32	05...	1020	58.56
MAR			SEP		
01...	1150	55.76	13...	1211	59.62
APR					
06...	1308	57.09			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

WELL NUMBER.--281117082291501. Pasco Deep Well 207 near Land O'Lakes, FL.

LOCATION.--Lat 28°11'17", long 82°29'15", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ 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, 1.20 ft (0.37 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
01...	1200	56.24	27...	1150	57.98
DEC			MAY		
10...	1345	56.01	10...	1206	56.41
JAN			JUL		
04...	1340	57.51	06...	1350	59.70
FEB			AUG		
05...	1300	57.69	05...	1145	59.61
MAR			SEP		
01...	1125	57.54	13...	1507	60.65
APR					
02...	1305	57.79			

WELL NUMBER.--281118082305902. St. Petersburg Shallow Well 49 near Land O'Lakes, FL.

LOCATION.--Lat 28°11'18", long 82°30'59", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ 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 NRSB.

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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1135	52.95	27...	1122	55.19
DEC			MAY		
10...	1155	52.29	10...	1405	54.22
JAN			20...	0845	53.66
04...	1250	53.59	JUL		
FEB			06...	1323	57.78
04...	1340	54.50	AUG		
11...	0852	54.29	05...	1025	58.05
MAR			SEP		
01...	1140	54.14	13...	1230	59.16
APR					
06...	1302	55.35			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

WELL NUMBER.--281120082245501. ROMP 80 Shallow Well 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, 75.37 ft (22.97 m) NGVD, Oct. 11, 1979; lowest, 67.45 ft (20.56 m) NGVD, June 15, 16, 1977.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	71.67	70.64	70.13	70.01	70.77	70.36	70.71	70.19	71.31	72.93	72.01	72.39
10	71.50	70.55	70.05	70.11	70.70	70.78	70.65	70.09	71.55	72.72	71.90	72.42
15	71.25	70.46	69.97	70.19	70.57	70.92	70.58	70.00	71.51	72.56	71.95	72.57
20	71.02	70.37	69.89	70.55	70.46	70.95	70.51	69.91	72.55	72.39	72.13	72.46
25	70.87	70.28	69.82	70.73	70.43	70.93	70.41	70.29	72.83	72.22	72.56	72.73
EOM	70.74	70.20	69.82	70.79	70.41	70.79	70.30	70.15	73.09	72.10	72.62	73.64
MEAN	71.23	70.45	69.96	70.35	70.59	70.77	70.56	70.11	71.91	72.54	72.18	72.65
MAX	71.70	70.72	70.19	70.79	70.79	70.95	70.77	70.29	73.09	73.10	72.64	73.64
MIN	70.74	70.20	69.76	69.86	70.41	70.36	70.30	69.88	70.19	72.10	71.87	72.28
WTR YR 1982	MEAN	71.11	MAX	73.64	SEP 30	MIN	69.76	DEC 29				

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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1125	51.78	06...	1256	53.60
DEC			27...	1113	53.29
10...	1325	51.24	MAY		
JAN			10...	1730	52.36
04...	1315	51.93	JUL		
FEB			06...	1313	57.20
04...	1330	52.70	AUG		
MAR			05...	1415	57.19
01...	1245	52.78			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

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.--Tape measured. Measuring point: Top of 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 September 1981, incomplete; October 1981 to September 1982 (monthly). 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
07...	0813	37.00	26...	1255	37.22
DEC			MAY		
10...	0745	34.65	10...	0805	35.31
JAN			JUL		
05...	1100	37.08	07...	1110	38.72
FEB			AUG		
04...	1400	37.37	04...	0945	39.47
MAR			SEP		
01...	1305	36.96	13...	1825	40.45
APR					
02...	0755	37.91			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 NRSB.

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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1130	54.71	27...	1117	57.08
DEC			MAY		
10...	1330	53.95	10...	1737	55.42
JAN			20...	0850	54.83
04...	1320	55.50	JUL		
FEB			06...	1318	58.79
04...	1335	55.49	AUG		
11...	0900	55.94	05...	1030	58.24
MAR			SEP		
01...	1250	55.79	13...	1340	58.78
APR					
06...	1259	56.79			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	46.85	45.32	46.15	48.86	48.57	48.71	48.99	46.48	47.78	49.93	50.53	49.77
10	46.23	45.95	45.95	48.02	48.54	48.64	48.52	45.88	46.75	50.57	50.29	51.13
15	45.62	45.42	46.58	48.22	48.27	48.36	49.23	44.91	45.96	50.14	50.84	50.99
20	46.54	47.40	46.39	49.12	48.63	47.91	48.82	44.76	49.70	50.96	50.97	50.42
25	45.56	47.29	46.37	48.92	48.48	49.03	48.35	46.07	50.97	50.66	50.80	51.52
DOM	45.40	47.12	48.62	48.67	48.34	49.23	48.71	46.91	50.50	50.64	50.27	51.70
MEAN	46.22	46.39	46.63	48.66	48.46	48.69	48.66	46.00	48.32	50.80	50.61	51.01
MAX	48.33	47.40	48.62	50.35	48.66	49.86	49.24	48.66	50.98	53.81	50.97	52.46
MIN	45.31	45.23	45.85	47.76	48.22	47.81	46.50	44.68	45.96	49.88	50.25	49.77
WTR YR 1982	MEAN	48.37	MAX	53.81	JUL 12	MIN	44.68	MAY 22				

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.

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 at times some years.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			APR		
05...	1140	55.67	27...	1142	57.92
DEC			MAY		
10...	1340	54.84	10...	1328	57.27
JAN			JUL		
04...	1325	55.81	06...	1339	58.63
FEB			AUG		
05...	1235	57.54	05...	1110	58.11
MAR			SEP		
01...	1130	57.49	13...	1450	59.50
APR					
02...	1257	58.29			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.86	18.86	18.28	19.99	20.38	18.42	19.09	17.63	19.98	20.88	21.34	21.30
10	18.93	18.08	17.91	19.84	19.82	20.49	19.08	17.19	18.97	21.93	22.15	22.50
15	18.26	18.04	17.91	20.61	20.01	19.63	18.80	17.39	17.87	21.55	21.96	21.60
20	17.16	17.20	18.33	20.72	19.82	18.52	17.56	17.57	21.00	22.41	23.01	21.12
25	17.93	17.69	17.78	20.19	19.42	19.02	19.11	17.55	22.62	21.95	22.40	23.39
EOM	18.41	16.91	19.98	19.89	19.43	20.36	18.93	18.75	21.39	21.88	22.00	23.56
MEAN	18.21	18.02	18.37	20.25	19.88	19.40	18.92	17.40	20.11	21.75	21.98	22.31
MAX	19.61	18.98	20.04	21.04	20.38	20.68	20.10	18.75	22.67	22.63	23.01	24.30
MIN	17.08	16.91	16.69	19.79	19.32	18.27	17.56	15.91	17.57	20.73	21.20	20.50
WTR YR 1982	MEAN	19.71	MAX	24.30	SEP 27	MIN	15.91	MAY 13				

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 NRSB.

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
16...	0945	28.92	10...	0905	28.75
DEC			JUN		
08...	1105	27.55	02...	1157	29.73
FEB			AUG		
09...	0928	29.28	03...	1327	30.86
APR			SEP		
06...	1135	29.48	16...	0953	31.06

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 83.52 ft (25.46 m) NGVD, Sept. 30, Oct. 1, 1979; lowest, 71.01 ft (21.64 m) NGVD, May 16, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	78.86	77.70	76.00	77.88	78.97	78.33	79.38	77.44	78.57	80.56	81.44	81.10
10	78.44	77.84	76.35	78.28	78.95	79.79	79.00	76.85	78.55	80.75	81.19	82.07
15	78.26	77.79	75.79	77.84	78.97	79.75	79.25	76.03	77.78	80.75	81.92	81.99
20	77.64	77.49	74.37	79.05	79.41	79.00	78.46	74.97	79.41	80.69	82.34	81.75
25	76.95	77.11	75.25	79.35	79.27	78.78	78.30	76.10	80.61	81.16	82.42	82.40
EOM	77.81	76.38	77.17	79.06	79.10	79.54	78.58	77.08	80.77	81.32	81.93	82.81
MEAN	78.10	77.47	76.00	78.44	79.10	79.22	78.86	76.34	79.03	80.83	81.87	81.97
MAX	79.55	77.89	77.17	79.36	79.62	79.84	79.65	78.33	80.81	81.38	82.52	82.92
MIN	76.77	76.35	74.37	77.05	78.73	78.33	77.99	74.27	77.38	80.41	81.19	81.06
WTR YR 1982	MEAN	78.93	MAX	82.92	SEP 28	MIN	74.27	MAY 22				

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 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 84.22 ft (25.67 m) NGVD, Oct. 1, 1979; lowest, 71.61 ft (21.83 m) NGVD, May 16, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	79.57	78.41	76.56	78.44	79.62	79.00	79.88	78.11	79.14	81.29	82.21	81.83
10	79.14	78.52	77.12	78.92	79.57	80.37	79.63	77.48	79.06	81.50	81.96	82.85
15	78.88	78.53	76.53	78.54	79.60	80.26	79.78	76.53	78.42	81.48	82.65	82.76
20	78.45	78.20	75.26	79.67	80.02	79.53	79.01	75.35	80.07	81.35	83.10	82.58
25	77.71	77.87	75.99	79.98	79.93	79.35	78.94	76.77	81.24	81.83	83.20	83.30
EOM	78.55	77.12	77.76	79.71	79.77	80.12	79.25	77.72	81.46	82.00	82.58	83.70
MEAN	78.82	78.19	76.68	79.06	79.73	79.83	79.45	76.94	79.67	81.51	82.62	82.77
MAX	80.18	78.63	77.76	80.02	80.22	80.49	80.25	79.03	81.50	82.07	83.25	83.80
MIN	77.57	77.12	75.26	77.51	79.34	79.00	78.62	74.90	78.02	81.03	81.96	81.78
WTR YR 1982	MEAN	79.60	MAX	83.80	SEP 29	MIN	74.90	MAY 22				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 2.50 ft (0.76 m) above land-surface datum. Prior to Apr. 2, 1982, top of male adaptor, 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 September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.74 ft (9.37 m) NGVD, Sept. 10, 1974; lowest measured, 21.82 ft (6.65 m) NGVD, Dec. 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 04...	1055	22.28	APR 26...	1110	23.95
DEC 10...	0810	21.82	MAY 10...	1012	23.33
JAN 05...	0910	23.25	JUL 07...	0945	26.68
FEB 05...	0835	24.27	AUG 04...	1045	27.13
MAR 01...	0900	24.06	SEP 13...	1018	28.18
APR 02...	0825	24.61			

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 September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.34 ft (9.55 m) NGVD, Sept. 10, 1974; lowest measured, 23.07 ft (7.03 m) NGVD, Dec. 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 04...	1100	23.50	APR 26...	1115	25.84
DEC 10...	0815	23.07	MAY 10...	1015	25.36
JAN 05...	0915	24.50	JUL 07...	0947	27.77
FEB 05...	0840	25.33	AUG 04...	1050	28.33
MAR 01...	0905	25.09	SEP 13...	1019	28.70
APR 02...	0830	25.95			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 casing, 0.15 ft (0.05 m) above land-surface datum. Prior to Jan. 28, 1980, 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 September 1982 (monthly), discontinued.

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 04...	1110	27.80	APR 26...	1134	30.06
DEC 10...	0825	27.21	MAY 10...	1035	29.14
JAN 05...	0925	29.52	JUL 07...	0957	32.01
FEB 05...	0900	30.28	AUG 04...	1055	32.08
MAR 01...	0910	29.94	SEP 13...	1033	32.81
APR 02...	0840	30.72			

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 September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.14 ft (11.02 m) NGVD, Aug. 22, 1974; lowest measured, 27.61 ft (8.42 m) NGVD, Dec. 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 04...	1115	28.21	APR 26...	1135	30.51
DEC 10...	0830	27.61	MAY 10...	1037	29.96
JAN 05...	0927	29.46	JUL 07...	0955	32.99
FEB 05...	0902	30.32	AUG 04...	1100	32.78
MAR 01...	0915	30.23	SEP 13...	1035	33.72
APR 02...	0845	31.43			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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; August 1974 to September 1977 (twice monthly); October 1977 to September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.20 ft (9.81 m) NGVD, Sept. 10, 1974; lowest measured, 24.40 ft (7.44 m) NGVD, Dec. 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 04...	1135	24.89	APR 26...	1150	26.91
DEC 10...	0850	24.40	MAY 10...	1030	26.10
JAN 05...	0945	26.24	JUL 07...	1010	29.06
FEB 05...	0925	27.10	AUG 04...	1115	29.24
MAR 01...	0950	26.87	SEP 13...	1025	29.52
APR 02...	0855	27.45			

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 NRSB.

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 adaptor, 2.5 ft (0.8 m) above land-surface datum. Prior to Feb. 5, 1982, top of male adaptor, 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 September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.10 ft (11.31 m) NGVD, Aug. 22, 1974; lowest measured, 29.78 ft (9.08 m) NGVD, Dec. 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 04...	1125	30.25	APR 26...	1140	33.25
DEC 10...	0835	29.78	MAY 10...	1135	32.54
JAN 05...	0935	32.41	JUL 07...	1002	34.86
FEB 05...	0915	32.73	AUG 04...	1105	34.87
MAR 01...	0940	32.89	SEP 13...	1040	35.70
APR 02...	0847	34.04			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

WELL NUMBER.--281448082301801. Bexley Well 2 near Drexel, FL.

LOCATION.--Lat 28°14'48", long 82°30'18", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	61.28	60.50	59.85	62.02	61.87	61.56	62.13	61.12	62.39	62.74	63.14	62.37
10	60.97	60.47	59.82	61.74	61.82	62.65	61.87	60.75	61.79	63.47	63.15	63.77
15	60.63	60.26	59.81	62.33	61.70	62.20	62.27	60.28	61.35	63.32	63.64	63.22
20	60.42	60.25	59.60	62.34	62.12	61.90	61.84	60.00	63.04	63.33	63.71	62.63
25	60.49	60.11	59.80	62.14	61.68	62.22	61.55	60.74	63.72	63.18	63.41	63.62
EOM	60.36	60.09	61.81	61.87	61.60	62.61	61.54	61.62	63.22	63.02	62.87	63.49
MEAN	60.79	60.27	60.11	62.04	61.83	62.15	61.96	60.72	62.52	63.24	63.35	63.24
MAX	61.63	60.59	61.81	62.40	62.22	62.65	62.54	61.62	63.73	63.50	63.71	63.85
MIN	60.36	60.05	59.60	61.46	61.60	61.51	61.40	59.86	61.35	62.74	62.81	62.37
WTR YR 1982	MEAN	61.85	MAX	63.85	SEP 26	MIN	59.60	DEC 20				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 24.25 ft (7.39 m) NGVD, Dec. 24, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.69	24.90	24.50	26.16	27.07	26.59	27.34	26.42	27.19	29.11	29.13	29.31
10	25.49	24.84	24.34	26.23	27.02	27.43	27.11	26.17	26.96	29.47	29.28	29.63
15	25.32	24.76	24.35	26.69	26.95	27.35	27.20	25.84	26.65	29.67	29.35	29.41
20	25.06	24.65	24.33	26.99	27.09	27.16	26.91	25.71	28.44	29.77	29.89	29.09
25	24.96	24.60	24.27	27.06	26.91	27.23	26.85	25.94	29.30	29.58	30.02	30.17
EOM	24.88	24.50	25.79	27.04	26.84	27.48	26.71	26.62	29.23	29.36	29.79	30.47
MEAN	25.29	24.72	24.57	26.62	27.01	27.19	27.08	26.06	27.80	29.47	29.55	29.69
MAX	25.94	24.91	25.79	27.06	27.11	27.48	27.47	26.66	29.36	29.79	30.08	30.50
MIN	24.88	24.50	24.25	25.86	26.84	26.59	26.70	25.52	26.65	29.05	29.11	29.08
WTR YR 1982	MEAN	27.09	MAX	30.50	SEP 28 AND OTHERS	MIN	24.25	DEC 24				

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.--Tape measured. 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 September 1980; October 1980 to September 1982 (monthly), discontinued. 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 measured, 24.24 ft (7.39 m) NGVD, Dec. 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			APR		
04...	1140	24.73	26...	1200	26.77
DEC			MAY		
10...	0925	24.24	10...	1357	26.14
JAN			JUL		
05...	0945	25.72	07...	1016	29.04
FEB			AUG		
05...	0941	26.88	04...	1135	29.24
MAR			SEP		
01...	0955	26.73	13...	1632	29.43
APR					
02...	0910	27.25			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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; August 1974 to September 1977 (twice monthly), incomplete; October 1977 to September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.06 ft (9.77 m) NGVD, Aug. 22, Sept. 10, 1974; lowest measured, 24.14 ft (7.36 m) NGVD, Dec. 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 04...	1150	24.62	APR 26...	1205	26.78
DEC 10...	0955	24.14	MAY 10...	1355	25.97
JAN 05...	1000	25.05	JUL 07...	1020	28.86
FEB 05...	0943	27.30	AUG 04...	1140	28.99
MAR 01...	1003	26.71	SEP 13...	1637	29.31
APR 02...	0920	27.34			

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 September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.66 ft (10.26 m) NGVD, Sept. 10, 1974; lowest measured, 24.88 ft (7.58 m) NGVD, Dec. 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 04...	1155	25.41	APR 26...	1207	27.38
DEC 10...	1000	24.88	MAY 10...	1403	27.01
JAN 05...	1005	25.31	JUL 07...	1022	29.33
FEB 05...	0945	27.02	AUG 04...	1145	30.01
MAR 01...	1005	27.13	SEP 13...	1640	30.17
APR 02...	0915	27.55			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.63 ft (7.81 m) NGVD, Oct. 17, 1974; lowest measured, 11.02 ft (3.36 m) NGVD, June 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 04...	1225	11.31	APR 02...	0935	14.39
DEC 10...	1020	11.94	26...	1230	14.16
JAN 05...	1020	13.51	JUL 07...	1040	16.29
FEB 05...	1005	14.42	AUG 04...	1200	16.04
MAR 01...	1025	14.01			

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 1974 to September 1977 (twice monthly), incomplete; October 1977 to September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.35 ft (8.95 m) NGVD, Sept. 10, 1974; lowest measured, 18.85 ft (5.75 m) NGVD, July 29, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 04...	1220	19.84	APR 26...	1225	20.93
DEC 10...	1025	19.01	MAY 10...	1235	21.11
JAN 05...	1025	19.39	JUL 07...	1042	24.35
FEB 05...	1010	21.16	AUG 04...	1205	24.84
MAR 01...	1030	21.40	SEP 13...	1010	24.65
APR 02...	0940	21.43			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

WELL NUMBER.--281504082104801. ROMP 86 Deep Well 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, 75.66 ft (23.06 m) NGVD, Oct. 20, 21, 22, 23, 24, 25, 1979; lowest, 64.08 ft (19.53 m) NGVD, Feb. 15, 16, 17, 18, 19, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	64.39	64.44	64.37	64.21	64.10	64.11	64.22	64.32	64.28	64.34	64.64	64.96
10	64.42	64.43	64.35	64.19	64.09	64.12	64.24	64.32	64.28	64.39	64.68	65.01
15	64.43	64.42	64.32	64.16	64.08	64.14	64.26	64.32	64.27	64.44	64.73	65.07
20	64.44	64.41	64.30	64.14	64.09	64.16	64.28	64.31	64.26	64.50	64.78	65.13
25	64.44	64.40	64.27	64.13	64.09	64.17	64.30	64.30	64.27	64.54	64.84	65.20
EOM	64.44	64.38	64.24	64.11	64.10	64.20	64.31	64.29	64.31	64.58	64.90	65.36
MEAN	64.42	64.42	64.32	64.16	64.09	64.14	64.26	64.31	64.28	64.45	64.74	65.09
MAX	64.44	64.44	64.38	64.23	64.10	64.20	64.31	64.32	64.31	64.58	64.90	65.36
MIN	64.37	64.38	64.24	64.11	64.08	64.10	64.20	64.29	64.26	64.31	64.59	64.91
WTR YR 1982	MEAN	64.39	MAX	65.36	SEP 30	MIN	64.08	FEB 15	AND OTHERS			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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; September 1974 to September 1977 (twice monthly); October 1977 to September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.27 ft (9.53 m) NGVD, Sept. 10, 1974; lowest measured, 23.67 ft (7.21 m) NGVD, Dec. 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 04...	1210	24.09	APR 26...	1215	26.43
DEC 10...	1005	23.67	MAY 10...	1437	25.45
JAN 05...	1010	25.90	JUL 07...	1027	28.38
FEB 05...	0950	26.62	AUG 04...	1150	28.22
MAR 01...	1015	26.33	SEP 13...	1704	28.62
APR 02...	0925	27.01			

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; September 1974 to September 1977 (twice monthly); October 1977 to September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.18 ft (9.20 m) NGVD, Sept. 18, 1975; lowest measured, 23.41 ft (7.14 m) NGVD, Dec. 10, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 04...	1205	23.89	APR 26...	1220	26.80
DEC 10...	1010	23.41	MAY 10...	1440	25.83
JAN 05...	1015	26.52	JUL 07...	1030	28.84
FEB 05...	0955	26.95	AUG 04...	1155	28.73
MAR 01...	1018	26.49	SEP 13...	1702	28.91
APR 02...	0930	27.52			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 5.03 ft (1.53 m) NGVD, May 20, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
03...	1440	5.23	05...	1720	6.02
DEC			12...	0933	5.79
02...	1043	5.11	JUN		
JAN			01...	1548	6.34
05...	1550	6.61	JUL		
FEB			02...	1245	9.42
02...	1615	6.71	AUG		
MAR			03...	1445	8.63
02...	1545	6.31	SEP		
APR			08...	1615	8.39
01...	1405	6.98	16...	0905	8.11

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 September 1982 (monthly), 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
03...	1440	10.91	05...	1725	11.65
DEC			12...	0935	11.43
03...	1053	10.73	JUN		
JAN			01...	1555	12.01
05...	1603	12.32	JUL		
FEB			02...	1240	14.95
02...	1620	12.36	AUG		
MAR			03...	1448	14.28
02...	1610	12.00	SEP		
APR			16...	0910	13.79
01...	1410	12.66			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 September 1982 (discontinued). 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, 51.29 ft (15.63 m) NGVD, Nov. 13, 1980.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	58.98	57.19	55.60	56.15	57.53	56.58	57.09	54.62	57.48	57.88	59.32	58.42
10	58.51	56.90	55.51	56.25	57.19	58.18	56.64	53.98	57.13	58.05	58.84	59.62
15	58.01	56.78	55.64	57.10	57.36	57.22	56.68	53.37	57.07	59.61	59.32	59.27
20	57.43	54.36	55.45	57.79	57.76	56.77	56.06	52.88	59.36	58.35	59.60	59.29
25	57.58	53.85	53.36	57.75	57.30	56.95	55.97	53.70	59.82	59.07	59.63	60.11
EOM	57.43	54.47	55.57	57.51	57.20	57.54	55.52	55.19	58.17	59.11	58.97	59.43
MEAN	58.14	55.66	55.29	56.92	57.41	57.25	56.52	53.95	58.00	58.55	59.16	59.41
MAX	59.38	57.37	55.84	57.98	57.86	58.18	57.51	55.37	59.89	59.61	59.73	60.60
MIN	57.25	53.59	53.36	55.67	57.06	56.43	55.52	52.68	55.47	57.83	56.69	58.36
WTR YR 1982	MEAN	57.18	MAX	60.60	SEP 27	MIN	52.68	MAY 22				

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 (discontinued). 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, 57.34 ft (17.48 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	60.96	60.11	58.84	62.02	61.34	60.91	61.45	60.10	62.83	61.54	63.20	60.87
10	60.66	59.93	58.79	61.15	60.83	62.84	61.21	59.68	61.13	61.81	62.32	63.30
15	60.37	59.72	58.68	62.75	61.02	61.42	62.12	59.26	61.12	62.77	63.15	62.11
20	60.05	59.19	58.70	62.29	62.16	60.89	60.84	58.90	63.17	63.10	63.29	63.02
25	60.27	58.92	58.34	61.96	61.00	62.35	60.58	60.23	63.35	62.90	62.72	63.34
EOM	60.07	58.73	61.23	61.07	60.85	62.91	60.66	61.75	62.10	63.13	61.44	62.88
MEAN	60.45	59.53	59.10	61.79	61.29	61.78	61.41	59.83	62.37	62.54	62.76	62.46
MAX	61.28	60.26	61.33	62.75	62.53	62.98	62.79	61.75	63.35	63.24	63.29	63.44
MIN	59.83	58.73	58.34	60.86	60.76	60.68	60.52	58.75	61.00	61.43	61.44	60.81
WTR YR 1982	MEAN	61.28	MAX	63.44	SEP 27	MIN	58.34	DEC 25				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 69.84 ft (21.29 m) NGVD, May 23, 24, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	73.54	72.76	71.97	73.89	73.50	73.15	73.77	72.89	74.71	75.80	74.76	74.02
10	73.32	72.65	71.93	73.62	73.33	74.42	73.46	72.63	74.00	75.81	74.77	75.67
15	73.00	72.53	71.88	74.50	73.33	73.98	73.87	72.31	73.60	75.59	75.03	74.87
20	72.85	72.28	71.56	74.23	73.88	73.56	73.48	72.02	75.72	75.81	75.87	74.37
25	72.94	72.25	71.77	73.99	73.51	73.91	73.21	72.70	76.53	75.18	75.13	75.25
EOM	72.79	72.16	73.65	73.67	73.36	74.24	73.16	73.47	75.32	74.76	74.50	75.29
MEAN	73.14	72.46	72.13	73.93	73.53	73.88	73.59	72.63	75.01	75.53	74.99	75.01
MAX	73.90	72.78	73.67	74.50	73.96	74.58	74.13	73.47	76.66	76.19	75.87	76.13
MIN	72.76	72.16	71.54	73.30	73.26	73.15	73.10	71.81	73.60	74.76	74.42	74.01
WTR YR 1982	MEAN	73.82	MAX	76.66	JUN 23 AND OTHERS			MIN	71.54	DEC 19		

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, 48.44 ft (14.76 m) NGVD, Nov. 13, 1980.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	59.09	56.79	55.22	54.60	56.55	55.05	55.80	52.91	56.15	56.45	58.56	57.66
10	58.62	56.48	54.97	54.70	56.34	56.83	55.40	51.99	55.97	56.61	58.11	58.96
15	58.09	56.26	55.00	55.50	56.42	56.30	55.40	51.33	55.83	59.90	59.06	58.53
20	57.47	52.57	54.70	57.10	56.95	55.70	55.00	50.80	58.47	57.04	58.97	58.48
25	57.37	52.02	51.60	57.01	56.59	55.40	54.40	51.95	58.84	58.12	58.93	59.40
EOM	57.23	53.90	54.30	56.84	56.55	56.10	53.66	53.19	56.84	58.24	58.21	58.08
MEAN	58.13	54.67	54.58	55.82	56.59	55.99	55.15	51.95	56.77	57.42	58.51	58.67
MAX	59.51	57.16	55.38	57.20	56.99	57.11	56.10	53.46	58.93	59.90	59.06	60.05
MIN	57.22	51.67	51.60	54.20	56.24	55.05	53.66	50.54	53.49	56.37	58.11	57.62
WTR YR 1982	MEAN	56.18	MAX	60.05	SEP 26		MIN	50.54	MAY 22			

NOTE.--Record estimated Dec. 12 to Jan. 20, Mar. 11 to Apr. 25.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

WELL NUMBER.--281636082372001. Moon Lake Deep 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.--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).

INSTRUMENTATION.--Tape measured. Measuring point: Top of shelter floor, 3.85 ft (1.17 m) above land-surface datum. Prior to July 8, 1976, top of recorder shelter floor, 3.82 ft (1.16 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 September 1981; October 1981 to September 1982 (monthly), 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.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
05...	0958	29.23	04...	1518	30.04
NOV			12...	0940	29.75
04...	0915	28.48	JUN		
JAN			01...	1520	30.60
05...	1652	30.18	JUL		
FEB			02...	1115	32.03
02...	1635	30.43	AUG		
MAR			03...	1417	32.20
02...	1530	30.26	SEP		
APR			02...	1540	31.99
01...	1335	30.93	16...	0930	31.85

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, 28.57 ft (8.71 m) NGVD, Dec. 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	30.16	29.36	28.84	30.47	31.34	31.03	31.79	31.17	31.29	33.61	33.72	33.61
10	30.01	29.26	28.77	30.64	31.24	31.63	31.75	31.02	31.44	33.45	33.50	33.43
15	29.86	29.17	28.70	30.85	31.12	31.82	31.69	30.87	31.42	34.23	33.53	33.36
20	29.73	29.08	28.64	31.39	31.10	31.82	31.58	30.72	32.50	34.37	33.69	33.21
25	29.61	28.99	28.58	31.50	31.12	31.72	31.43	30.57	33.51	34.23	33.96	33.66
EOM	29.48	28.92	30.05	31.45	31.12	31.70	31.30	30.68	33.75	33.94	33.85	34.16
MEAN	29.85	29.17	28.86	30.98	31.20	31.59	31.62	30.86	32.09	33.97	33.72	33.57
MAX	30.22	29.46	30.05	31.50	31.43	31.83	31.79	31.28	33.75	34.37	33.96	34.16
MIN	29.48	28.92	28.57	30.18	31.08	31.03	31.30	30.57	30.88	33.45	33.47	33.17
WTR. YR 1982	MEAN	31.46	MAX	34.37	JUL 18 AND OTHERS	MIN	28.57	DEC 26				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 September 1982 (discontinued). 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, 49.98 ft (15.23 m) NGVD, July 14, 1980.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	59.57	57.37	55.81	55.83	57.59	56.49	56.97	54.36	57.42	57.87	59.42	58.55
10	59.13	57.11	55.63	56.00	57.41	58.14	56.51	53.59	57.24	58.04	59.01	59.91
15	58.64	56.84	55.61	56.92	57.47	57.46	56.64	52.96	57.04	60.34	59.70	59.47
20	58.06	53.77	55.58	57.95	58.00	56.97	56.19	52.41	59.56	58.42	59.89	59.28
25	57.99	53.27	52.62	58.01	57.68	56.96	55.84	53.16	59.88	59.13	59.79	60.21
EOM	57.80	54.51	55.11	57.85	57.63	57.39	55.21	54.57	58.17	59.08	59.10	59.27
MEAN	58.66	55.53	55.19	56.88	57.65	57.31	56.46	53.49	58.00	58.60	59.41	59.57
MAX	59.99	57.71	55.95	58.09	58.00	58.20	57.36	55.02	59.97	60.34	59.90	60.77
MIN	57.80	52.97	52.62	55.22	57.32	56.49	55.21	52.13	54.87	57.76	58.95	58.54
WTR YR 1982	MEAN	57.22	MAX	60.77	SEP 26	MIN	52.13	MAY 22				

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 (discontinued). 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, 51.95 ft (15.83 m) estimated, NGVD, July 15-17, 1980.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	59.49	57.68	55.55	56.78	58.33	58.13	58.30	56.64	56.92	59.04	59.77	59.31
10	59.13	57.50	55.71	57.06	58.20	58.73	58.01	56.09	57.69	59.09	59.66	59.78
15	58.75	57.37	55.72	57.67	58.14	58.71	58.02	55.53	57.79	59.20	59.86	59.96
20	58.35	56.58	55.75	58.23	58.58	58.30	57.76	54.99	59.09	59.40	60.01	59.57
25	57.98	55.79	55.36	58.49	58.51	58.07	57.35	54.62	59.97	59.54	60.13	60.17
EOM	57.91	55.22	56.17	58.42	58.41	58.41	57.19	55.07	59.67	59.76	59.83	60.42
MEAN	58.71	56.88	55.64	57.65	58.36	58.39	57.86	55.58	58.21	59.35	59.87	59.84
MAX	59.74	57.87	56.17	58.49	58.60	58.78	58.41	57.03	59.98	59.76	60.19	60.46
MIN	57.91	55.22	55.18	56.32	58.14	58.07	57.17	54.61	55.24	58.97	59.64	59.19
WTR YR 1982	MEAN	58.02	MAX	60.46	SEP 28 AND OTHERS	MIN	54.61	MAY 24				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (0.38 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC			JUL		
16...	1425	73.23	26...	1413	76.23
JAN			SEP		
28...	1357	75.76	13...	1225	80.01
APR					
07...	1718	76.30			
MAY					
10...	1105	77.19			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 79.60 ft (24.26 m) NGVD, May 20, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	89.31	87.47	85.86	87.29	90.64	91.46	92.06	89.58	90.65	93.56	93.68	94.12
10	88.33	87.55	85.74	88.19	90.82	92.14	91.58	88.57	91.25	93.74	93.41	94.29
15	88.30	87.50	85.27	87.10	90.76	92.46	91.84	86.92	90.99	93.44	93.46	94.49
20	87.52	87.30	83.05	89.36	91.56	91.66	91.74	86.36	92.45	93.47	94.00	94.29
25	86.40	87.06	84.28	90.21	91.71	91.14	90.77	86.84	93.67	93.55	94.70	94.87
EOM	87.13	86.44	86.02	90.55	91.78	91.81	90.96	88.66	93.98	93.64	94.45	95.68
MEAN	88.02	87.20	85.12	88.53	91.08	91.85	91.56	87.98	91.80	93.59	93.89	94.55
MAX	89.94	87.60	86.37	90.55	91.78	92.48	92.09	90.87	93.98	93.94	94.70	95.68
MIN	86.24	86.22	82.71	86.23	90.53	91.14	90.73	85.83	88.98	93.25	93.18	94.03
WTR YR 1982	MEAN	90.42	MAX	95.68	SEP 30	MIN	82.71	DEC 21				

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
10...	0910	120.27	10...	1310	121.25
JAN			JUL		
18...	0835	121.36	08...	1415	123.97
MAR			AUG		
09...	0950	122.33	31...	1330	123.89
APR					
26...	1426	121.62			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 September 1982 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 70.87 ft (21.60 m) NGVD, June 24, 1976; lowest, 48.45 ft (14.77 m) NGVD, May 13, July 24, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	54.21	51.66	51.83	55.34	57.90	58.16	59.64	57.36	59.32	62.16	62.30	61.83
10	53.73	51.48	51.20	55.81	57.66	60.22	59.03	56.86	59.81	62.06	61.59	63.31
15	53.22	51.14	50.99	56.57	57.59	60.17	59.44	56.32	59.29	66.55	63.90	62.70
20	52.65	55.73	50.76	58.16	58.14	59.92	58.81	55.81	61.03	62.68	62.74	62.73
25	52.43	55.85	52.51	59.05	58.05	60.38	58.13	56.88	62.90	62.05	63.37	63.40
EOM	52.17	55.89	54.30	58.89	57.94	59.96	58.01	55.91	62.54	61.71	62.52	64.69
MEAN	53.22	53.69	51.99	57.05	57.90	59.65	58.98	56.45	60.38	62.54	62.43	63.07
MAX	54.63	56.67	54.30	59.43	58.73	60.38	59.94	57.90	62.95	66.55	63.90	64.93
MIN	52.17	51.14	50.76	54.46	57.22	57.85	57.94	55.31	56.35	61.71	61.55	61.83
WTR YR 1982	MEAN	58.11	MAX	66.55	JUL 15	MIN	50.76	DEC 20				

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 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, 5.06 ft (1.54 m) above land-surface datum. Prior to Sept. 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 September 1982 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 69.53 ft (21.19 m) NGVD, July 26, 1976; well dry Dec. 12, 1980 to Aug. 29, 1981, Oct. 18 to Nov. 16, 1981, Dec. 2-30, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	56.16	---	---	55.82	59.76	59.65	61.56	59.55	60.42	63.95	63.94	63.75
10	55.64	---	---	56.58	59.36	61.75	60.97	59.12	61.36	64.26	63.87	66.18
15	55.14	---	---	57.34	59.03	61.86	61.37	58.62	61.08	66.08	64.07	64.84
20	---	56.24	---	59.68	59.85	61.74	60.84	58.12	62.72	64.93	64.94	64.97
25	---	56.58	---	60.74	59.87	61.86	60.23	58.08	64.98	64.16	65.54	65.77
EOM	---	56.83	54.84	60.67	59.76	61.80	59.95	57.70	64.46	63.69	64.46	66.63
MEAN	55.76	56.43	55.21	58.15	59.63	61.34	60.95	58.60	62.07	64.44	64.42	65.35
MAX	56.59	56.93	55.57	60.84	60.52	61.87	61.78	59.88	65.02	66.08	65.69	66.87
MIN	54.86	54.99	54.84	55.00	59.00	59.59	59.90	57.44	57.85	63.69	63.51	63.75
WTR YR 1982	MEAN	61.06	MAX	66.87	SEP 28	MIN	54.84	DEC 31				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

WELL NUMBER.--281746082233701. Cypress Creek Deep 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 September 1982 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 68.74 ft (20.95 m) NGVD, July 4, 1976; lowest, 45.48 ft (13.86 m) NGVD, June 21, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	55.77	52.30	51.53	53.60	54.35	55.17	55.59	52.15	55.84	56.89	57.73	57.01
10	55.20	51.13	50.47	53.79	54.60	56.38	55.17	51.29	55.79	57.05	57.46	58.30
15	54.57	50.64	50.88	54.47	54.79	55.97	55.43	50.61	55.52	57.50	61.20	58.11
20	53.81	50.95	50.65	55.21	55.04	55.65	55.01	49.96	58.24	57.75	58.04	57.98
25	53.49	50.74	49.23	55.41	54.93	55.85	54.53	53.81	57.42	57.95	58.26	58.78
EOM	53.17	50.71	52.42	55.15	54.81	55.87	52.98	52.41	56.76	58.50	57.56	59.61
MEAN	54.54	51.50	50.82	54.44	54.75	55.74	55.06	51.30	56.34	57.58	57.92	58.27
MAX	56.17	53.11	52.50	55.78	55.09	56.39	55.97	53.81	58.52	58.50	61.20	59.90
MIN	53.17	50.63	49.20	52.71	54.16	54.72	52.98	49.85	52.74	56.78	57.29	57.01
WTR YR 1982	MEAN	54.85	MAX	61.20	AUG 15	MIN	49.20	DEC 23				

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 September 1982 (discontinued). 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, unknown (below 55.0 ft, 16.8 m) Feb. 3 to Aug. 2, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	57.71	56.59	55.84	56.15	58.97	59.77	61.50	59.06	59.26	64.04	63.68	62.24
10	57.59	56.45	55.72	56.53	59.00	62.95	60.88	58.49	59.25	63.69	63.36	64.60
15	57.38	56.39	55.60	57.38	59.02	62.15	61.73	57.99	58.82	63.96	63.29	63.15
20	57.08	56.26	55.49	58.49	60.24	61.51	60.93	57.56	64.29	64.29	64.25	64.31
25	56.86	55.12	55.40	58.89	60.06	61.91	60.17	57.19	64.40	63.37	63.84	64.32
EOM	56.71	55.99	55.80	59.00	59.96	62.53	59.79	57.11	64.34	63.36	62.51	64.30
MEAN	57.28	56.35	55.64	57.56	59.45	61.69	61.09	58.03	61.31	63.74	63.54	63.70
MAX	57.72	56.68	55.96	59.00	60.29	63.17	62.27	59.64	64.44	64.34	64.25	64.60
MIN	56.71	55.99	55.39	55.87	58.97	59.77	59.79	57.03	57.34	62.55	62.51	61.85
WTR YR 1982	MEAN	59.94	MAX	64.60	SEP 10	MIN	55.39	DEC 26				

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, 3.44 ft (1.05 m) above land-surface datum. Prior to Oct. 7, 1980, 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 September 1982 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 75.16 ft (22.91 m) NGVD, July 27, 1976; lowest, 59.72 ft (18.20 m) NGVD, June 19, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	64.58	62.94	62.32	65.80	66.92	67.03	68.14	66.67	68.69	70.02	70.23	69.98
10	64.17	62.40	61.91	66.17	66.70	69.01	67.70	66.28	68.19	70.11	69.78	71.63
15	63.75	62.13	61.67	67.69	66.80	65.58	68.03	65.79	67.56	72.81	71.71	70.96
20	63.26	65.55	61.39	67.85	67.34	68.20	67.56	65.38	70.03	70.81	71.09	71.18
25	63.06	65.81	62.14	67.47	67.11	68.40	67.21	66.83	71.11	69.97	71.18	71.52
EOM	62.92	66.00	64.41	67.18	66.92	68.65	67.00	66.59	70.53	70.19	70.48	71.76
MEAN	63.77	64.06	62.29	66.82	66.97	68.14	67.77	66.08	69.12	70.47	70.59	71.17
MAX	65.00	66.00	64.41	67.89	67.42	69.01	68.58	66.95	71.11	72.81	71.74	72.20
MIN	62.92	62.13	61.39	64.64	66.62	65.58	67.00	65.24	66.81	69.92	69.78	69.95
WTR YR 1982	MEAN	67.26	MAX	72.81	JUL 15	MIN	61.39	DEC 20				

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 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, 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 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 74.70 ft (22.77 m) NGVD, Aug. 16, 1978; well dry many days in 1981 and 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	65.53	63.54	63.44	66.22	67.67	67.72	68.89	67.37	69.75	70.89	71.05	70.95
10	65.11	---	---	66.68	67.49	70.01	68.43	67.02	69.15	70.89	70.67	72.76
15	64.74	---	---	68.65	67.56	69.51	68.84	66.57	68.47	72.49	71.63	72.01
20	64.27	65.06	---	68.73	68.18	69.02	68.32	66.13	71.33	71.81	72.08	72.29
25	63.96	65.52	---	68.23	67.90	68.70	67.95	66.57	72.02	70.94	72.10	72.60
EOM	63.81	65.69	64.65	67.94	67.75	69.37	67.69	67.42	71.42	71.13	71.37	72.70
MEAN	64.71	64.66	64.07	67.50	67.78	69.04	68.49	66.78	70.14	71.25	71.46	72.21
MAX	65.92	65.69	64.89	68.84	68.22	70.01	69.27	67.63	72.10	72.49	72.12	73.13
MIN	63.81	63.45	63.44	64.94	67.42	67.65	67.69	66.00	67.63	70.74	70.67	70.83
WTR YR 1982	MEAN	68.52	MAX	73.13	SEP 26	AND OTHERS	MIN	63.44	DEC 5			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

WELL NUMBER.--281917082420901. ROMP TR 17-1 Deep Well 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 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.19 ft (1.89 m) NGVD, June 18, 1982; lowest, 3.49 ft (1.06 m) NGVD, June 19, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.22	4.35	3.62	4.49	4.49	4.46	4.39	3.75	4.56	4.90	4.51	4.46
10	4.33	4.56	4.20	4.76	4.66	4.52	3.99	3.98	4.23	5.34	4.30	4.68
15	3.91	4.37	4.56	4.46	4.20	4.65	4.01	3.62	3.92	4.97	4.62	4.76
20	3.83	4.37	3.53	4.57	4.45	4.38	3.93	3.76	5.70	5.24	4.97	4.67
25	4.42	4.31	4.26	4.53	4.37	4.68	4.37	4.20	5.30	4.52	4.62	4.94
EOM	3.86	4.17	4.84	4.63	4.30	4.53	3.71	4.20	5.10	4.43	4.28	5.29
MEAN	4.21	4.27	4.27	4.66	4.38	4.51	4.18	3.92	4.83	4.91	4.59	4.79
MAX	4.60	4.89	5.06	5.55	4.71	5.46	4.67	4.34	6.19	5.39	5.22	5.41
MIN	3.83	3.71	3.53	4.09	4.08	4.00	3.71	3.59	3.92	4.37	4.28	4.39
WTR YR 1982	MEAN	4.46	MAX	6.19	JUN 18	MIN	3.53	DEC 20				

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, 69.71 ft (21.25 m) NGVD, June 18, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	73.08	72.30	72.00	74.00	73.88	73.68	74.11	73.02	74.18	76.21	76.00	76.29
10	72.79	72.10	72.00	73.60	73.69	74.75	73.87	72.75	73.51	75.98	76.22	77.34
15	72.52	72.10	72.00	74.60	74.09	74.31	74.16	72.44	73.34	76.20	76.71	76.54
20	72.35	72.15	71.65	74.41	74.43	73.97	73.71	72.19	75.88	76.30	76.84	76.73
25	72.30	72.20	71.80	74.19	73.93	74.48	73.53	72.93	76.53	75.71	76.61	77.24
EOM	72.20	72.20	73.65	73.87	73.76	74.66	73.36	74.13	75.62	75.81	76.07	76.81
MEAN	72.63	72.20	72.19	74.06	74.00	74.33	73.91	72.84	74.92	75.97	76.39	76.79
MAX	73.39	72.40	73.70	74.60	74.76	75.22	74.60	74.13	76.63	76.46	76.93	77.48
MIN	72.20	72.10	71.60	73.40	73.61	73.58	73.35	72.14	73.34	75.40	75.84	75.74
WTR YR 1982	MEAN	74.18	MAX	77.48	SEP 26	MIN	71.60	DEC 19				

NOTE.--Record estimated Oct. 20 to Jan. 17.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 77.11 ft (23.50 m) NGVD, July 8, 1982; well observed dry at times some years.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
JAN			MAY		
21...	1235	74.80	10...	1240	73.48
MAR			JUL		
09...	1155	75.35	08...	1240	77.11
APR			SEP		
27...	1055	73.96	02...	1110	76.35

WELL NUMBER.--281922082403901. ROMP TR 17-3 Deep Well near Bayonet Point, FL.

LOCATION.--Lat 28°19'22", long 82°40'39", in NE¼SW¼ 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, 0.46 ft (0.14 m) above land-surface datum. Prior to June 3, 1980, 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 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.25 ft (1.90 m) NGVD, Sept. 29, 1979; lowest, 1.91 ft (0.58 m) NGVD, Dec. 20, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.78	3.21	2.32	3.07	3.01	3.27	3.17	2.51	3.40	3.66	3.34	3.22
10	3.07	3.56	2.95	3.21	2.98	2.80	2.60	2.80	3.09	4.81	3.21	3.44
15	2.36	3.23	3.46	2.80	2.62	3.04	2.62	2.72	2.96	4.06	3.88	3.82
20	2.63	3.58	1.91	2.92	2.99	2.98	2.74	2.72	5.72	4.24	4.51	3.58
25	3.43	3.32	2.93	2.82	2.77	3.23	2.92	3.05	5.23	3.35	3.85	4.45
EOM	2.65	3.07	3.06	3.23	2.94	3.05	2.37	3.25	4.05	3.27	2.96	4.87
MEAN	2.93	3.18	2.97	3.04	2.84	2.99	2.78	2.82	4.01	3.86	3.69	3.91
MAX	3.45	3.85	3.59	4.08	3.26	4.09	3.36	3.27	5.81	4.81	4.51	5.24
MIN	2.34	2.28	1.91	2.34	2.42	2.07	2.23	2.38	2.93	3.12	2.96	3.10
WTR YR 1982	MEAN	3.25	MAX	5.81	JUN 21	MIN	1.91	DEC 20				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

WELL NUMBER.--281923082252201. ROMP 93 Deep Well near Gowers Corner, FL.

LOCATION.--Lat 28°19'23", long 82°25'22", in NE¼SE¼ sec.8, T.25 S., R.19 E., Hydrologic Unit 03100205, 50 ft (15 m) north of State Highway 52, and 5.0 mi (8.0 km) east of Gowers Corner.

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

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 6 in (15 cm), depth 700 ft (213 m), cased to 149 ft (45 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 1.28 ft (0.39 m) above land-surface datum.

DATUM.--Land-surface datum is 76.76 ft (23.40 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 76.60 ft (23.35 m) NGVD, Sept. 26, 1982; lowest, 67.61 ft (20.61 m) NGVD, June 19, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	71.36	70.28	69.37	71.75	72.07	71.93	72.63	71.40	72.53	74.95	75.10	75.09
10	71.08	70.04	69.21	71.42	71.99	73.21	72.39	71.10	71.96	74.94	74.97	76.33
15	70.80	69.84	69.10	72.70	72.31	72.81	72.69	70.75	71.83	75.11	75.57	75.75
20	70.48	69.82	68.94	72.59	72.75	72.47	72.20	70.50	74.56	75.40	75.87	75.82
25	70.59	69.70	68.87	72.52	72.29	72.94	71.97	71.02	75.27	74.89	75.63	76.21
EOM	70.40	69.60	71.31	72.19	72.13	73.14	71.77	72.26	74.57	75.13	75.05	76.00
MEAN	70.86	69.93	69.47	72.12	72.28	72.75	72.41	71.13	73.43	74.99	75.38	75.86
MAX	71.68	70.33	71.31	72.73	72.97	73.44	73.08	72.26	75.33	75.40	75.91	76.60
MIN	70.36	69.60	68.87	71.36	71.90	71.89	71.77	70.45	71.83	74.46	74.97	74.74
WTR YR 1982	MEAN	72.55	MAX	76.60	SEP 26	MIN	68.87	DEC 25				

WELL NUMBER.--281923082252202. ROMP 93 Shallow Well near Gowers Corner, FL.

LOCATION.--Lat 28°19'23", long 82°25'22", in NE¼SE¼ sec.8, T.25 S., R.19 E., Hydrologic Unit 03100205, 50 ft (15 m) north of State Highway 52, and 5.0 mi (8.0 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 6 in (15 cm), depth 12 ft (4 m), cased to 6.2 ft (1.9 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 1.72 ft (0.52 m) above land-surface datum.

DATUM.--Land-surface datum is 76.79 ft (23.41 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 76.72 ft (23.38 m) NGVD, June 17, 18, Sept. 7, 1982; lowest, 70.47 ft (21.48 m) NGVD, June 1, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	73.46	72.70	71.68	75.72	74.22	74.08	74.32	72.97	74.77	76.69	75.83	76.35
10	73.05	72.34	71.57	74.26	73.85	75.62	74.32	72.66	73.58	75.94	76.16	76.60
15	72.71	72.14	71.46	76.10	75.74	74.47	74.61	72.37	73.72	76.45	76.62	76.19
20	72.44	71.99	71.42	75.12	75.21	73.96	73.87	72.12	75.87	76.31	76.36	76.26
25	73.07	71.91	71.34	74.46	74.20	75.91	73.56	73.22	76.55	75.66	76.48	76.70
EOM	72.94	71.79	75.70	73.95	73.98	75.72	73.35	75.83	75.19	76.08	75.33	76.60
MEAN	72.97	72.21	72.18	75.02	74.56	74.96	74.29	73.01	75.21	76.01	76.21	76.25
MAX	73.82	72.85	75.75	76.70	76.52	76.70	76.42	75.83	76.72	76.69	76.69	76.72
MIN	72.31	71.79	71.34	73.95	73.75	73.71	73.35	72.04	73.47	74.85	75.33	74.35
WTR YR 1982	MEAN	74.40	MAX	76.72	JUN 17 AND OTHERS	MIN	71.34	DEC 25				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 65.20 ft (19.87 m) NGVD, June 23, 24, 25, 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	70.65	68.65	68.07	70.88	72.48	72.48	73.48	71.89	73.50	75.70	76.30	75.49
10	70.21	68.45	67.66	71.38	72.34	74.11	73.05	71.49	73.41	75.20	76.00	76.76
15	69.77	68.30	67.37	72.52	72.27	74.00	73.31	70.99	73.04	75.10	76.80	76.53
20	69.31	68.83	67.11	72.97	72.96	73.62	72.95	70.45	75.00	75.80	77.30	76.44
25	68.98	69.07	67.10	72.97	72.76	73.31	72.53	70.54	76.00	76.20	77.20	77.40
EOM	68.82	69.08	69.34	72.71	72.68	73.65	72.25	71.63	75.70	76.40	76.50	77.32
MEAN	69.77	68.71	67.75	72.02	72.58	73.50	73.04	71.15	74.20	75.70	76.73	76.58
MAX	71.03	69.08	69.34	72.97	73.01	74.13	73.65	72.18	76.10	76.40	77.40	77.50
MIN	68.82	68.27	67.02	69.60	72.25	72.48	72.25	70.25	71.91	75.10	76.00	75.45
WTR YR 1982	MEAN	72.64	MAX	77.50	SEP 26	MIN	67.02	DEC 22	AND OTHERS			

NOTE.--Record estimated June 27 to Sept. 2, Sept. 22-26.

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
10...	1045	84.07	10...	1251	84.41
JAN			JUL		
21...	1110	87.17	08...	1322	86.57
MAR			SEP		
08...	1315	88.22	02...	0945	87.04
APR					
26...	1327	85.55			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

WELL NUMBER.--281949082332001. State Highway 52 Deep Well near Fivay Junction, FL.

LOCATION.--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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	52.78	52.03	51.56	53.60	53.35	53.17	53.35	52.70	53.67	54.28	54.07	54.01
10	52.59	51.91	51.49	53.35	53.20	53.83	53.13	52.53	53.26	55.01	54.98	55.06
15	52.40	51.81	51.52	54.27	53.42	53.53	53.19	52.34	53.01	55.09	54.88	54.41
20	52.20	51.80	51.47	53.83	53.72	53.32	53.06	52.15	54.65	54.72	55.21	54.04
25	52.09	51.71	51.42	53.60	53.37	53.46	52.94	53.05	54.79	54.31	54.55	54.92
EOM	52.02	51.63	53.61	53.37	53.28	53.65	52.89	53.74	54.19	54.08	54.11	54.58
MEAN	52.40	51.83	51.89	53.65	53.41	53.50	53.16	52.68	53.95	54.55	54.57	54.55
MAX	52.96	52.03	53.80	54.28	53.83	54.03	53.59	53.74	54.96	55.09	55.25	55.39
MIN	52.02	51.63	51.41	53.28	53.17	53.14	52.89	52.05	53.01	54.04	53.98	53.84
WTR YR 1982	MEAN	53.35	MAX	55.39	SEP 26	MIN	51.41	DEC 24				

WELL NUMBER.--281949082332002. State Highway 52 Shallow Well near Fivay Junction, FL.

LOCATION.--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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			JUL		
02...	1055	51.84	01...	1605	54.24
MAR			SEP		
01...	1610	53.48	02...	1507	53.96
23...	0930	53.18	14...	1012	54.58
MAY					
04...	1442	52.63			
14...	0957	52.29			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
04...	0950	24.80	12...	1325	25.12
JAN			JUL		
05...	1345	25.60	06...	1305	27.40
MAR			SEP		
03...	1325	25.57	10...	1300	29.14
MAY					
05...	1520	25.37			

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.

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 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 74.07 ft (22.58 m) NGVD, Oct. 16,17, 1979; lowest measured, 59.54 ft (18.15 m) NGVD, June 4, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	63.78	63.59	63.03	62.08	63.01	63.64	64.63	---	64.29	65.76	67.11	67.85
10	63.85	63.59	62.60	62.15	63.15	64.02	64.87	---	64.38	66.14	67.33	67.89
15	63.79	63.57	62.58	62.35	63.18	64.35	65.03	63.84	64.46	66.26	67.57	68.08
20	63.72	63.36	61.91	62.45	63.38	64.06	65.07	63.67	64.70	66.36	67.66	68.21
25	63.69	63.25	62.06	62.68	63.51	64.08	---	---	65.23	66.44	67.80	68.41
EOM	63.67	63.21	61.91	62.93	63.62	64.24	64.64	---	65.64	66.76	67.88	69.04
MAX	63.87	63.67	63.16	62.93	63.62	64.54	65.13	64.82	65.64	66.76	67.88	69.04
WTR YR 1982	MEAN	64.59	MAX	69.04	SEP 30	MIN	61.77	DEC 23				

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 NW¼NW¼SE¼ 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, 73.74 ft (22.48 m) NGVD, Oct. 11, 1979; lowest, 60.19 ft (18.35 m) NGVD, May 30, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	63.97	63.79	63.15	62.57	63.52	64.06	64.92	64.80	64.42	66.12	67.36	67.96
10	64.06	63.72	62.98	62.71	63.58	64.34	65.03	64.71	64.55	66.32	67.55	67.97
15	64.00	63.68	62.84	62.81	63.63	64.56	65.17	64.27	64.59	66.39	67.72	68.16
20	63.93	63.54	62.38	63.03	63.78	64.48	65.19	64.09	64.98	66.48	67.80	68.26
25	63.86	63.41	62.29	63.29	63.92	64.54	65.19	64.14	65.53	66.52	67.97	68.48
EOM	63.81	63.32	62.41	63.48	63.97	64.74	64.96	64.20	65.90	67.03	68.01	69.16
MAX	64.08	63.81	63.30	63.48	63.97	64.76	65.21	64.96	65.90	67.03	68.01	69.16
WTR YR 1982	MEAN	64.83	MAX	69.16	SEP 30	MIN	62.20	DEC 24				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

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, 48.70 ft (14.84 m) NGVD, Sept. 30, 1982, water level rising; lowest, 27.79 ft (8.47 m) NGVD, Aug. 27, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	29.92	30.61	30.59	29.95	29.71	29.90	30.45	30.96	30.82	32.67	37.00	43.50
10	30.06	30.67	30.51	29.87	29.74	29.90	30.55	31.01	30.84	33.38	37.80	44.30
15	30.20	30.70	30.44	29.77	29.78	29.95	30.65	31.04	30.81	34.00	38.70	45.40
20	30.31	30.72	30.30	29.72	29.82	30.05	30.70	31.06	30.88	34.44	39.70	46.50
25	30.44	30.70	30.21	29.72	29.84	30.20	30.85	31.01	31.31	35.08	41.00	47.20
EOM	30.53	30.66	30.07	29.72	29.85	30.35	30.90	30.89	32.01	36.05	42.50	48.70
MEAN	30.20	30.67	30.38	29.81	29.78	30.03	30.65	30.99	31.02	34.08	39.11	45.48
MAX	30.53	30.72	30.66	30.04	29.85	30.35	30.90	31.06	32.01	36.05	42.50	48.70
MIN	29.79	30.54	30.07	29.69	29.70	29.85	30.35	30.89	30.79	32.10	36.30	42.80
WTR YR 1982	MEAN	32.69	MAX	48.70	SEP 30	MIN	29.69	JAN 28				

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, 61.50 ft (18.75 m) NGVD, Sept. 14, 1982; well observed dry at times most years.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
MAR			JUL		
01...	1330	52.93	01...	1442	56.89
MAY			SEP		
04...	1350	50.71	02...	1418	58.58
12...	1538	49.56	14...	1038	61.50

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PASCO COUNTY

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 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	60.60	59.62	58.91	58.95	60.12	60.88	61.32	61.36	60.62	62.72	63.64	64.51
10	60.50	59.54	58.78	59.09	60.17	61.08	61.41	61.12	60.67	62.90	63.95	64.61
15	60.26	59.46	58.65	59.29	60.12	61.21	61.69	60.83	60.75	62.82	64.24	65.20
20	60.01	59.33	58.37	59.59	60.36	61.22	61.76	60.60	61.32	62.76	64.41	65.35
25	59.84	59.20	58.25	59.89	60.62	61.20	61.71	60.49	61.97	62.80	64.58	65.52
EOM	59.70	59.07	58.75	60.11	60.75	61.27	61.58	60.45	62.42	63.18	64.62	66.45
MAX	60.61	59.67	59.05	60.11	60.75	61.27	61.80	61.52	62.42	63.18	64.64	66.45
WTR YR 1982	MEAN	61.23	MAX	66.45	SEP 30	MIN	58.25	DEC 24	AND OTHERS			

WATER RESOURCES DATA FOR FLORIDA, 1982
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KEY TO SITE LOCATIONS ON FIGURE 16

PINELLAS COUNTY

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7	280511082405602	231
7	280532082405702	231
7	280546082390701	232
7	280555082405702	232
7	280559082402603	233
8	280603082410902	233
8	280614082411601	234
8	280614082411702	234
8	280617082405702	235
8	280631082411702	235
9	280631082454601	236
9	280632082455001	237
10	280638082405502	237
10	280734082442101	237
11	280747082452001	238
11	280753082465201	238
12	280827082401501	239
13	280843082390402	239
14	280846082414301	240
14	280856082401201	240
15	280904082390601	241
15	280904082390602	241
16	280907082424801	242
16	280907082424802	242
17	280908082394601	243
18	280918082403401	243
18	280929082391601	244
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19	281009082392301	245
19	281010082390601	245
19	281020082395701	246
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19	281022082400201	247

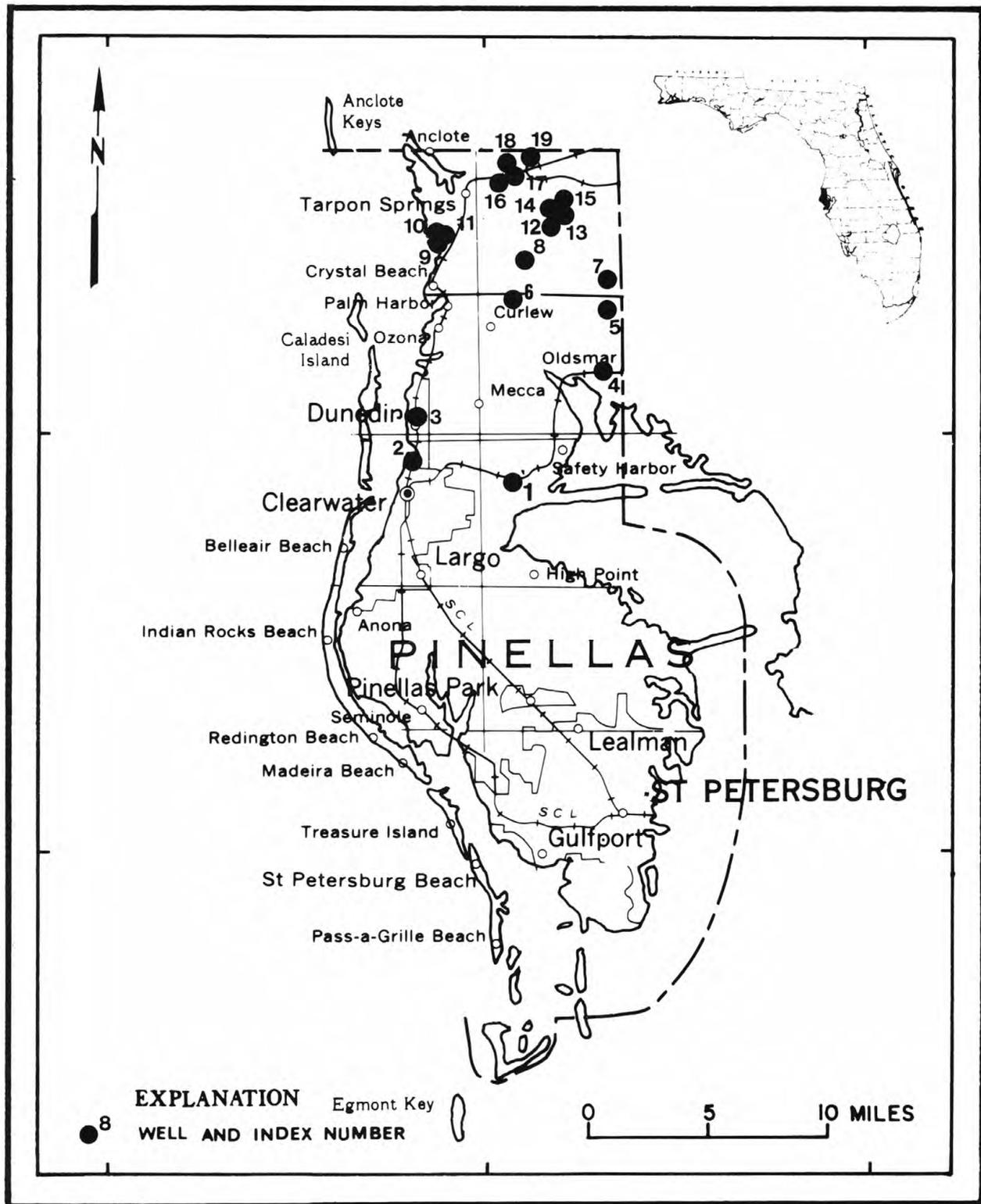


Figure 16. Location of wells in Pinellas County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 7.18 ft (2.19 m) NGVD, May 14, 15, 22, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.03	8.66	8.39	8.48	8.78	8.83	8.87	8.56	8.97	9.29	9.83	9.37
10	8.76	8.72	8.31	8.74	8.72	8.89	8.89	8.46	8.48	9.38	10.05	9.57
15	8.32	8.68	8.70	8.88	8.55	8.78	8.91	8.07	8.39	9.41	10.31	9.47
20	8.36	8.84	8.25	8.81	8.72	8.69	8.68	7.88	9.53	9.63	10.41	9.48
25	8.53	8.72	8.18	8.76	8.53	8.78	8.70	7.83	9.67	9.63	10.20	9.84
EOM	8.52	8.60	8.48	8.74	8.71	8.82	8.74	8.37	9.57	9.75	9.65	9.94
MEAN	8.64	8.69	8.42	8.68	8.69	8.79	8.81	8.19	9.06	9.48	10.09	9.61
MAX	9.15	8.88	8.70	9.03	8.82	9.18	9.01	8.71	9.71	9.75	10.44	10.04
MIN	8.27	8.42	8.12	8.42	8.52	8.62	8.43	7.80	8.39	9.24	9.65	9.30
WTR YR 1982	MEAN	8.93	MAX	10.44	AUG 19	MIN	7.80	MAY 21				

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.79	4.98	4.26	4.66	4.73	4.97	4.89	4.31	5.29	5.05	5.33	4.77
10	4.78	5.06	4.54	4.79	4.84	4.79	4.69	4.42	4.65	5.22	5.27	5.27
15	4.31	4.84	4.98	4.73	4.57	4.72	4.67	4.05	4.50	5.24	5.56	5.10
20	4.40	5.17	4.03	4.56	4.73	4.58	4.38	3.94	5.68	5.45	5.64	5.17
25	4.80	4.78	4.71	4.75	4.59	4.87	4.71	4.18	5.44	5.22	5.24	5.55
EOM	4.60	4.69	4.83	4.92	4.84	4.78	4.57	4.65	5.17	5.24	4.80	5.44
MEAN	4.67	4.86	4.65	4.77	4.71	4.76	4.66	4.23	5.15	5.21	5.36	5.21
MAX	4.99	5.37	4.99	5.52	4.95	5.47	5.05	4.65	6.00	5.45	5.77	5.80
MIN	4.31	4.38	4.03	4.39	4.44	4.42	4.18	3.92	4.50	4.96	4.80	4.75
WTR YR 1982	MEAN	4.85	MAX	6.00	JUN 18	MIN	3.92	MAY 22				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 September 1981 (bimonthly); October 1981 to September 1982 (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, 8.13 ft (2.48 m) NGVD, Sept. 8, 1966; lowest measured, 3.26 ft (0.99 m) below NGVD, May 19, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
13...	1115	0.37	04...	1106	-0.19
NOV			13...	0906	-1.50
05...	1525	-0.37	JUN		
DEC			03...	1653	-0.76
15...	0837	-0.65	JUL		
JAN			14...	1200	2.10
12...	1158	-0.64	AUG		
FEB			10...	1450	1.76
11...	1423	-0.65	SEP		
MAR			17...	1543	1.22
10...	1638	1.30			
APR					
08...	1500	-0.84			

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, 5.21 ft (1.59 m) NGVD, May 19, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
13...	1436	5.73	10...	1812	6.05
DEC			JUN		
11...	0910	5.66	09...	0805	6.07
FEB			AUG		
12...	0805	6.06	06...	0837	6.64
APR			SEP		
09...	0810	6.32	13...	1606	6.98

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PINELLAS COUNTY

WELL NUMBER.--280446082390701. East Lake Deep Well 17 near Tarpon Springs, FL.

LOCATION.--28°04'46", long 82°39'07", in SE¼ 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, 19.00 ft (5.79 m) NGVD, Oct. 4, 1979; lowest measured, 14.59 ft (4.45 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1030	16.40	10...	0900	15.81
DEC			JUN		
11...	1005	16.24	09...	0843	16.58
JAN			JUL		
12...	1428	17.08	13...	1000	16.89
FEB			AUG		
12...	0835	16.77	06...	0930	17.17
MAR			SEP		
10...	0850	17.07	13...	0913	17.68
APR					
09...	0845	16.16			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 male adaptor, 3.52 ft (1.07 m) above land-surface datum. Prior to June 16, 1976, top of casing, 3.50 ft (1.07 m) above land-surface datum; June 16, 1976, to Oct. 22, 1981, top of casing, 0.80 ft (0.24 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
15...	0818	4.53	10...	1316	5.09
22...	0830	5.04	JUN		
DEC			10...	0900	5.27
14...	1205	5.23	AUG		
FEB			04...	0812	5.77
12...	1554	5.45	SEP		
APR			13...	1546	5.85
12...	1453	5.61			

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 584, 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.13	6.83	6.64	7.27	7.18	6.93	6.95	6.62	7.30	7.24	7.46	7.20
10	6.84	7.11	6.67	7.20	7.04	7.00	6.98	6.58	6.78	7.33	7.52	7.60
15	6.46	7.05	7.00	7.42	6.79	6.94	7.20	6.37	6.54	7.33	7.75	7.52
20	6.48	7.24	6.48	7.15	6.90	6.76	6.84	6.42	7.75	7.57	7.78	7.43
25	6.67	6.97	6.73	7.11	6.76	6.91	6.93	6.35	7.66	7.43	7.82	7.80
FOM	6.59	6.79	7.16	7.19	6.89	6.96	7.04	6.99	7.45	7.57	7.50	7.88
MEAN	6.78	6.96	6.78	7.16	6.96	6.92	6.98	6.53	7.24	7.38	7.66	7.58
MAX	7.28	7.34	7.25	7.54	7.25	7.33	7.28	6.99	7.76	7.60	7.89	8.02
MIN	6.46	6.51	6.41	6.89	6.71	6.67	6.59	6.26	6.52	7.18	7.45	7.20
WTR YR 1982	MEAN	7.08	MAX	8.02	SEP 26	MIN	6.26	MAY 22				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PINELLAS COUNTY

WELL NUMBER.--280511082405602. East Lake Shallow Well 8 near Oldsmar, FL.

LOCATION.--Lat 28°05'11", long 82°40'56", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.34, T.27 S., R.16 E., Hydrologic Unit 03100206, 2.5 mi (4.0 km) northeast of intersection State Highway 584 and East Lake Road, and 3.6 mi (5.8 km) northwest of Oldsmar.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 110 NRS D.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 12.4 ft (3.8 m), cased to 7.4 ft (2.3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.80 ft (0.55 m) above land-surface datum.

DATUM.--Land-surface datum is 13.00 ft (3.96 m) National Geodetic Vertical Datum of 1929 (levels by Pinellas County).

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--May 1976 to February 1980 (semiannually); March to September 1980 (bimonthly); October 1980 to current year (monthly). Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.67 ft (3.86 m) NGVD, Feb. 9, 1981; lowest measured, 8.95 ft (2.73 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1319	10.57	10...	1025	10.32
DEC			JUN		
11...	1527	9.47	09...	1540	11.40
JAN			JUL		
12...	1643	10.77	13...	1440	11.92
FEB			AUG		
12...	1517	10.88	06...	1645	12.29
MAR			SEP		
09...	1558	12.20	13...	1031	12.35
APR					
12...	1053	12.53			

WELL NUMBER.--280532082405702. East Lake Shallow Well 7 near Oldsmar, FL.

LOCATION.--Lat 28°05'32", long 82°40'57", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.34, T.27 S., R.16 E., Hydrologic Unit 03100206, 2.8 mi (4.5 km) northeast of intersection State Highway 584 and East Lake Road, and 3.9 mi (6.3 km) northwest of Oldsmar.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 110 NRS D.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 12.3 ft (3.7 m), cased to 7.3 ft (2.2 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.10 ft (0.94 m) above land-surface datum.

DATUM.--Land-surface datum is 13.90 ft (4.24 m) National Geodetic Vertical Datum of 1929 (levels by Pinellas County).

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--September 1975 to February 1980 (semiannually); March to September 1980 (bimonthly); October 1980 to current year (monthly). Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.01 ft (4.58 m) NGVD, Sept. 18, 1975; lowest measured, 9.42 ft (2.87 m) NGVD, May 11, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1312	10.03	10...	1008	9.78
DEC			JUN		
11...	1520	9.76	09...	1533	10.43
JAN			JUL		
12...	1637	10.58	13...	1450	11.45
FEB			AUG		
12...	1512	10.55	06...	1650	11.33
MAR			SEP		
09...	1648	11.26	13...	1024	11.10
APR					
12...	1045	11.03			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PINELLAS COUNTY

WELL NUMBER.--280546082390701. East Lake Deep Well 14 near Tarpon Springs, FL.

LOCATION.--Lat 28°05'46", long 82°39'07", in SE $\frac{1}{4}$ NE $\frac{1}{4}$ 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, 21.40 ft (6.52 m) NGVD, Aug. 27, 1980; lowest measured, 14.91 ft (4.54 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1045	17.48	10...	0915	16.57
DEC			JUN		
11...	1017	17.46	09...	0855	17.89
JAN			JUL		
12...	1442	18.54	13...	1010	18.46
FEB			AUG		
12...	0847	18.17	06...	0942	19.22
MAR			SEP		
10...	0902	18.70	13...	0905	19.55
APR					
09...	0858	16.95			

WELL NUMBER.--280556082405702. East Lake Shallow Well 4 near Oldsmar, FL.

LOCATION.--Lat 28°05'56", long 82°40'57", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.34, T.27 S., R.16 E., Hydrologic Unit 03100206, 3.2 mi (5.1 km) northeast of intersection State Highway 584 and East Lake Road, and 4.4 mi (7.1 km) northeast of Oldsmar.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 110 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 10.7 ft (3.3 m), cased to 5.7 ft (1.7 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.80 ft (1.16 m) above land-surface datum.

DATUM.--Land-surface datum is 15.00 ft (4.57 m) National Geodetic Vertical Datum of 1929 (levels by Pinellas County).

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--September 1975 to February 1980 (semiannually); March to September 1980 (bimonthly); October 1980 to current year (monthly). Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.25 ft (4.65 m) NGVD, Feb. 9, 1981; lowest measured, 9.50 ft (2.90 m) NGVD, May 15, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1305	11.96	10...	0955	12.52
DEC			JUN		
11...	1515	11.25	09...	1525	13.39
JAN			JUL		
12...	1632	12.77	13...	1455	15.22
FEB			AUG		
12...	1500	13.25	09...	1522	15.02
MAR			SEP		
09...	1609	14.66	13...	1020	14.73
APR					
12...	1037	14.89			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PINELLAS COUNTY

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 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 10 ft (3 m), cased to 8 ft (2 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of access hole in cap, 0.69 ft (0.21 m) above land-surface datum. Prior to Dec. 13, 1979, top of recorder shelter floor, 3.00 ft (0.91 m) above land-surface datum; Dec. 13, 1979 to Mar. 13, 1980, top of recorder shelter floor, 3.68 ft (1.12 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 March 1980, incomplete; April 1980 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 17.07 ft (5.20 m) NGVD, Sept. 24, 1979; lowest measured, 12.04 ft (3.67 m) NGVD, June 5, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1114	13.88	10...	0935	13.86
DEC			JUN		
11...	1050	12.94	09...	0923	14.85
JAN			JUL		
12...	1503	14.45	13...	1040	16.56
FEB			AUG		
12...	0910	14.55	06...	1013	16.41
MAR			SEP		
10...	0930	15.54	13...	0940	15.92
APR					
09...	0920	14.27			

WELL NUMBER.--280603082410902. East Lake Shallow Well 3 near Oldsmar, FL.

LOCATION.--Lat 28°06'03", long 82°41'09", in SE¼SE¼ sec.27, T.27 S., R.16 E., Hydrologic Unit 03100206, 3.1 mi (5.0 km) northeast of intersection State Highway 584 and East Lake Road, and 4.6 mi (7.4 km) northwest of Oldsmar.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 110 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 9.4 ft (2.9 m), cased to 4.4 ft (1.3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 4.50 ft (1.37 m) above land-surface datum.

DATUM.--Land-surface datum is 13.00 ft (3.96 m) National Geodetic Vertical Datum of 1929 (levels by Pinellas County).

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--May 1976 to February 1980 (semiannually); March to September 1980 (bimonthly); October 1980 to current year (monthly). Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.89 ft (4.84 m) NGVD, Sept. 18, 1979; lowest measured, 8.46 ft (2.58 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1234	10.78	10...	1040	10.41
DEC			JUN		
11...	1440	9.83	09...	1452	10.94
JAN			JUL		
12...	1608	10.81	13...	1526	12.81
FEB			AUG		
12...	1436	10.95	09...	1512	12.59
MAR			SEP		
09...	1537	12.24	13...	1137	12.28
APR					
12...	1008	11.56			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 current year (monthly), incomplete.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.60 ft (4.15 m) NGVD, Sept. 18, 1979; lowest measured, 8.09 ft (2.47 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1225	10.42	10...	1152	10.86
DEC			JUN		
11...	1433	10.71	09...	1445	10.73
JAN			JUL		
12...	1602	12.02	13...	1533	11.52
FEB			AUG		
12...	1430	11.03	09...	1504	11.50
MAR			SEP		
09...	1529	11.23	13...	1127	11.81
APR					
12...	0958	11.36			

WELL NUMBER.--280614082411702. East Lake Shallow Well 2 near Oldsmar, FL.

LOCATION.--Lat 28°06'14", long 82°41'17", in NW¼SE¼ sec.27, T.27 S., R.16 E., Hydrologic Unit 03100206, 3.2 mi (5.1 km) northeast of intersection State Highway 584 and East Lake Road, and 4.8 mi (7.7 km) northwest of Oldsmar.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 110 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 13.9 ft (4.2 m), cased to 12.4 ft (3.8 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.50 ft (0.46 m) above land-surface datum.

DATUM.--Land-surface datum is 14.50 ft (4.42 m) National Geodetic Vertical Datum of 1929 (levels by Pinellas County).

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--May 1976 to February 1980 (semiannually); March to September 1980 (bimonthly); October 1980 to current year (monthly). Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.29 ft (4.36 m) NGVD, Sept. 18, 1979; lowest measured, 10.70 ft (3.26 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1220	13.26	10...	1200	12.74
DEC			JUN		
11...	1425	12.50	09...	1438	13.15
JAN			JUL		
12...	1555	13.30	13...	1536	14.25
FEB			AUG		
12...	1424	13.31	09...	1458	14.08
MAR			SEP		
09...	1523	13.61	13...	1117	13.97
APR					
12...	0950	13.65			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PINELLAS COUNTY

WELL NUMBER.--280617082405702. East Lake Shallow Well 5 near Oldsmar, FL.

LOCATION.--Lat 28°06'17", long 82°40'57", in NW¼SW¼ sec.26, T.27 S., R.16 E., Hydrologic Unit 03100206, 3.5 mi (5.6 km) northeast of intersection State Highway 584 and East Lake Road, and 4.7 mi (7.6 km) northwest of Oldsmar.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 110 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 12 ft (4 m), cased to 9 ft (3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.10 ft (0.94 m) above land-surface datum.

DATUM.--Land-surface datum is 13.00 ft (3.96 m) National Geodetic Vertical Datum of 1929 (levels by Pinellas County).

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIODIC OF RECORD.--May 1976 to February 1980 (semiannually); March to September 1980 (bimonthly); October 1980 to current year (monthly). Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.26 ft (3.74 m) NGVD, Feb. 9, 1981; lowest measured, 8.57 ft (2.61 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1244	11.39	10...	1045	10.26
DEC			JUN		
11...	1453	10.00	09...	1505	10.80
JAN			JUL		
12...	1615	11.29	13...	1510	12.25
FEB			AUG		
12...	1445	11.22	09...	1528	12.20
MAR			SEP		
09...	1619	11.90	13...	0958	11.90
APR					
12...	1020	12.01			

WELL NUMBER.--280631082411702. East Lake Shallow Well 1 near Oldsmar, FL.

LOCATION.--Lat 28°06'31", long 82°41'17", in SW¼NE¼ sec.27, T.27 S., R.16 E., Hydrologic Unit 03100206, 3.6 mi (5.8 km) northeast of intersection State Highway 584 and East Lake Road, and 5.1 mi (8.2 km) northwest of Oldsmar.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 110 NRSB.

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 coupling, 1.40 ft (0.43 m) above land-surface datum.

DATUM.--Land-surface datum is 13.60 ft (4.15 m) National Geodetic Vertical Datum of 1929 (levels by Pinellas County).

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--May 1976 to February 1980 (semiannually); March to September 1980 (bimonthly); October 1980 to current year (monthly). Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.25 ft (3.73 m) NGVD, July 13, 1982; lowest measured, 8.52 ft (2.60 m) NGVD, June 5, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1213	11.22	10...	1210	10.05
DEC			JUN		
11...	1420	10.01	09...	1430	10.72
JAN			JUL		
12...	1550	10.81	13...	1539	12.25
FEB			AUG		
12...	1420	10.86	09...	1450	11.98
MAR			SEP		
09...	1518	11.35	13...	1115	11.71
APR					
12...	0940	11.39			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.83	3.83	4.07	4.62	3.91	3.39	4.04	2.99	3.38	4.21	4.18	4.31
10	3.73	4.16	4.21	4.58	3.92	4.95	3.58	2.80	3.01	4.62	5.42	4.94
15	3.33	4.28	3.88	5.09	3.59	4.48	4.11	2.66	2.74	5.05	4.83	4.92
20	3.08	4.31	4.17	4.69	4.00	4.34	3.62	2.55	4.52	5.53	5.52	4.45
25	2.89	4.25	4.04	4.34	3.77	3.94	3.27	2.43	4.75	5.16	5.17	5.60
EOM	3.53	4.20	4.89	4.01	3.79	4.43	3.20	2.91	4.41	4.64	4.93	5.30
MEAN	3.45	4.07	4.23	4.57	3.86	4.25	3.76	2.70	3.73	4.79	4.97	4.74
MAX	4.18	4.38	4.95	5.11	4.10	4.95	4.43	3.17	4.75	5.53	5.75	5.60
MIN	2.87	3.22	3.88	4.01	3.46	3.39	3.20	2.41	2.66	4.15	4.09	4.15
WTR YR 1982	MEAN	4.10	MAX	5.75	AUG 9	MIN	2.41	MAY 26				

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, 4.58 ft (1.40 m) NGVD, Oct. 4, 1979; lowest, 1.20 ft (0.37 m) NGVD, Apr. 11, 1977.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.42	2.31	2.04	2.53	2.34	2.33	2.48	2.00	2.41	3.13	2.96	3.09
10	2.35	2.64	2.23	2.66	2.41	2.67	2.25	2.08	2.22	3.16	3.35	3.04
15	2.17	2.51	2.51	2.63	2.10	2.61	2.29	1.92	2.07	2.89	3.56	3.32
20	2.07	2.59	1.93	2.47	2.28	2.36	2.18	2.01	3.25	3.66	3.70	3.08
25	2.43	2.37	2.22	2.50	2.26	2.48	2.36	2.15	3.32	3.59	3.71	3.31
EOM	2.10	2.37	2.56	2.43	2.28	2.51	2.11	2.01	3.15	3.03	3.22	4.07
MEAN	2.32	2.41	2.28	2.56	2.27	2.45	2.30	2.05	2.70	3.24	3.42	3.28
MAX	2.62	2.78	2.67	2.91	2.41	2.74	2.55	2.24	3.43	3.69	3.77	4.07
MIN	2.07	2.03	1.93	2.25	2.10	2.10	2.09	1.88	2.07	2.89	2.96	3.01
WTR YR 1982	MEAN	2.61	MAX	4.07	SEP 30	MIN	1.88	MAY 16 AND OTHERS				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PINELLAS COUNTY

WELL NUMBER.--280638082405502. East Lake Shallow Well 6 near Oldsmar, FL.

LOCATION.--Lat 28°06'38", long 82°40'55", in SW¼NW¼ sec.26, T.27 S., R.16 E., Hydrologic Unit 03100206, 3.9 mi (6.3 km) northeast of intersection State Highway 584 and East Lake Road, and 5.1 mi (8.2 km) northwest of Oldsmar.

AQUIFER.--Non-artesian sand aquifer of Pleistocene/Pliocene Age, Geologic Unit 110 NRS.

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 casing, 3.50 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 14.00 ft (4.27 m) National Geodetic Vertical Datum of 1929 (Levels by Pinellas County).

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--September 1975 to February 1980 (semiannually); March to September 1980 (bimonthly); October 1980 to current year (monthly). Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.76 ft (4.19 m) NGVD, Sept. 18, 1975; lowest measured, 8.71 ft (2.65 m) NGVD, May 11, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
05...	1250	10.63	10...	1017	10.23
DEC			JUN		
11...	1500	9.75	09...	1510	10.93
JAN			JUL		
12...	1620	10.81	13...	1515	12.32
FEB			AUG		
12...	1451	10.80	09...	1535	12.44
MAR			SEP		
09...	1625	11.53	13...	1010	12.00
APR					
12...	1025	11.59			

WELL NUMBER.--280734082442101. ROMP TR 15-3 Deep Well 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, 5.28 ft (1.61 m) NGVD, June 18, 1982; lowest, 3.10 ft (0.94 m) NGVD, June 9, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.17	4.16	3.51	3.86	4.05	4.26	4.30	3.84	4.08	4.24	4.23	4.19
10	4.19	4.38	3.85	4.04	4.23	4.06	4.04	4.02	3.81	4.25	4.27	4.34
15	4.00	4.23	4.30	3.71	3.89	4.12	4.07	3.63	3.70	4.21	4.35	4.28
20	3.88	4.09	3.35	3.89	4.07	4.09	4.08	3.67	4.75	4.62	4.51	4.35
25	4.23	3.95	3.84	4.07	4.17	4.32	4.39	4.09	4.60	4.29	4.38	4.57
EOM	3.90	3.97	3.95	4.16	4.14	4.17	3.91	3.76	4.30	4.25	4.18	4.88
MEAN	4.13	4.10	3.89	3.99	4.04	4.16	4.13	3.85	4.23	4.29	4.34	4.42
MAX	4.37	4.75	4.30	4.52	4.28	4.74	4.66	4.25	5.28	4.62	4.55	4.88
MIN	3.88	3.80	3.29	3.68	3.85	3.92	3.91	3.57	3.70	4.11	4.18	4.14
WTR YR 1982	MEAN	4.13	MAX	5.28	JUN 18	MIN	3.29	DEC 19				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PINELLAS COUNTY

WELL NUMBER.--280747082452001. ROMP TR 15-2 Deep Well 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.--Tape measured. Measuring point: Top of 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 September 1981; October 1981 to September 1982 (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 4.67 ft (1.42 m) NGVD, Sept. 29, 30, 1979; lowest, 2.05 ft (0.62 m) NGVD, Jan. 17, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
16...	1120	2.31	13...	1253	2.17
DEC			JUN		
15...	1610	2.60	04...	1505	2.59
FEB			AUG		
09...	1245	2.36	04...	1440	3.16
APR			SEP		
06...	1210	2.66	16...	1510	3.17

WELL NUMBER.--280753082465201. ROMP TR 15-1 Deep Well 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, 1.50 ft (0.46 m) NGVD, Jan. 30, 31, Feb. 1, 2, 1981 (estimated).

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.34	2.36	1.86	2.24	2.24	2.31	2.40	1.88	2.45	2.85	2.74	2.63
10	2.32	2.56	2.12	2.40	2.28	2.46	2.12	2.04	2.23	3.03	2.89	2.70
15	2.12	2.42	2.47	2.21	1.99	2.39	2.07	1.84	2.04	2.79	2.98	2.71
20	2.07	2.55	1.66	2.32	2.17	2.26	2.08	1.91	3.39	3.33	3.36	2.77
25	2.45	2.34	2.10	2.34	2.13	2.41	2.30	2.11	3.23	2.95	3.11	3.17
EOM	2.12	2.32	2.45	2.37	2.19	2.26	2.02	2.15	2.87	2.80	2.69	3.41
MEAN	2.29	2.38	2.20	2.34	2.15	2.32	2.18	2.01	2.67	2.96	2.97	2.88
MAX	2.51	2.72	2.60	2.72	2.32	2.78	2.51	2.22	3.45	3.33	3.36	3.47
MIN	2.06	2.01	1.66	2.03	1.94	1.99	1.96	1.78	2.03	2.79	2.69	2.60
WTR YR 1982	MEAN	2.45	MAX	3.47	SEP 27	MIN	1.66	DEC 20				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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) 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 September 1982 (monthly), discontinued.

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
03...	1522	14.31	13...	1137	14.61
DEC			JUN		
11...	1110	13.89	01...	1425	16.59
JAN			JUL		
11...	0850	15.58	13...	1100	17.02
FEB			AUG		
08...	1505	15.86	06...	1040	16.66
MAR			SEP		
08...	1203	16.67	13...	1517	16.21
APR					
05...	1524	15.73			

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 September 1982 (monthly), 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, 26.07 ft (7.95 m) NGVD, Oct. 3, 1979; lowest measured, 11.19 ft (3.41 m) NGVD, Dec. 6, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
03...	1248	20.23	10...	1249	18.68
DEC			JUN		
07...	1003	19.13	01...	0954	18.25
JAN			JUL		
11...	1035	19.61	13...	1141	20.88
FEB			AUG		
08...	0920	20.40	02...	0950	22.43
MAR			SEP		
08...	0903	20.04	13...	1122	24.03
APR					
05...	0918	19.63			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PINELLAS COUNTY

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 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
14...	1050	12.54	03...	1612	11.74
NOV			10...	1345	11.02
05...	1150	12.63	JUN		
DEC			01...	0829	13.03
07...	1605	12.53	JUL		
JAN			13...	1417	13.61
11...	1557	13.84	AUG		
FEB			02...	0825	14.47
08...	1438	13.66	SEP		
MAR			13...	1201	13.72
08...	1250	13.48			
APR					
05...	1455	12.22			

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 September 1982 (discontinued). 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, 0.42 ft (0.13 m) below NGVD, May 5, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.94	13.83	14.38	16.44	13.07	11.86	5.54	8.66	15.00	9.03	17.49	7.00
10	13.88	11.85	16.02	16.72	12.60	14.44	13.23	6.04	6.07	11.69	15.98	12.40
15	10.31	12.46	15.25	16.55	15.73	10.52	6.72	10.59	3.00	10.59	15.55	15.09
20	12.05	9.77	16.30	14.40	9.47	8.52	5.18	9.90	14.15	18.08	19.49	13.69
25	10.82	12.95	15.47	15.94	9.81	12.49	13.43	8.36	18.54	13.80	16.95	11.63
EOM	12.08	10.70	17.51	14.34	11.16	11.46	7.33	14.90	13.65	18.52	8.24	12.09
MEAN	11.92	12.16	14.75	15.56	12.72	11.44	8.58	8.86	12.77	13.29	16.29	12.46
MAX	17.16	14.88	17.51	17.73	16.41	14.79	14.00	14.90	18.54	18.52	19.71	18.87
MIN	8.53	9.65	12.14	12.18	9.37	5.71	2.27	2.19	3.00	9.03	8.24	5.80
WTR YR 1982	MEAN	12.58	MAX	19.71	AUG 22	MIN	2.19	MAY 6				

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, 19.46 ft (5.93 m) NGVD, Oct. 3, 1979; lowest measured, 2.05 ft (0.62 m) NGVD, June 18, 1973.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 03...	1234	11.61	MAY 10...	1217	4.47
DEC 07...	0953	12.37	JUN 01...	0942	11.32
JAN 11...	1025	17.98	JUL 13...	1133	11.54
FEB 08...	0910	15.90	AUG 02...	0940	16.23
MAR 08...	0854	17.12	SEP 13...	1103	17.36
APR 05...	0909	9.36			

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 35.32 ft (10.77 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February 1979 to September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.83 ft (7.26 m) NGVD, Oct. 3, 1979; lowest measured, 15.16 ft (4.62 m) NGVD, June 1, 1982.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 03...	1230	18.53	MAY 10...	1213	15.75
DEC 07...	0949	17.50	JUN 01...	0939	15.16
JAN 11...	1022	17.23	JUL 13...	1130	17.90
FEB 08...	0907	17.84	AUG 02...	0938	18.93
MAR 08...	0850	17.26	SEP 13...	1101	21.16
APR 05...	0906	16.86			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.55	10.40	10.05	10.83	10.73	10.42	10.43	9.96	10.68	10.95	11.17	10.79
10	10.48	10.43	10.08	10.79	10.60	10.79	10.37	9.85	10.17	11.22	11.20	11.34
15	10.18	10.35	10.38	10.85	10.39	10.52	10.40	9.68	9.75	11.26	11.31	11.23
20	10.04	10.44	9.88	10.77	10.45	10.35	10.09	9.81	11.34	11.66	11.74	11.08
25	10.23	10.25	10.07	10.73	10.29	10.47	10.37	9.76	11.63	11.31	11.54	11.71
EOM	10.18	10.04	10.78	10.66	10.39	10.59	10.20	10.30	11.26	11.32	11.07	11.89
MEAN	10.34	10.30	10.22	10.77	10.50	10.51	10.36	9.86	10.77	11.27	11.36	11.33
MAX	10.80	10.56	10.82	11.13	10.74	10.97	10.68	10.30	11.65	11.66	11.75	12.01
MIN	10.04	10.04	9.88	10.49	10.26	10.19	9.92	9.64	9.75	10.95	11.06	10.79
WTR YR 1982	MEAN	10.63	MAX	12.01	SEP 27	MIN	9.64	MAY 23				

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
14...	1005	12.13	10...	1351	11.22
DEC			JUN		
14...	1015	10.83	09...	1015	11.72
FEB			AUG		
12...	1012	11.60	06...	1135	13.09
APR			SEP		
12...	0840	11.85	13...	1209	13.11

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.14	11.85	13.06	16.26	7.00	9.77	2.00	2.32	13.67	8.26	13.90	4.65
10	10.80	10.54	16.11	16.45	8.71	12.66	10.80	-0.85	.45	9.79	10.66	16.25
15	5.99	11.76	15.22	15.96	14.02	3.35	-0.65	8.56	-2.63	7.61	13.51	13.75
20	9.78	7.01	16.23	14.99	5.32	3.67	-3.11	4.71	10.38	17.91	19.55	11.69
25	6.79	12.82	15.68	14.83	3.82	9.51	12.22	3.53	18.42	10.56	15.08	8.77
EOM	7.72	10.26	17.34	13.27	6.61	6.97	5.55	14.73	8.32	18.55	7.62	12.18
MEAN	8.51	9.74	13.68	14.03	9.64	8.15	4.62	4.78	10.18	11.12	14.63	12.01
MAX	17.36	14.69	17.34	17.70	16.41	13.96	12.63	14.73	18.42	18.67	19.64	19.18
MIN	2.46	4.52	8.19	6.48	3.40	-0.97	-4.08	-4.48	-2.63	3.33	7.62	4.65
WTR YR 1982	MEAN	10.10	MAX	19.64	AUG 22	MIN	-4.48	MAY 6				

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 September 1982 (monthly), discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.89 ft (7.59 m) NGVD, Jan. 31, 1979; lowest measured, 19.60 ft (5.97 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV 03...	1514	20.11	MAY 13...	1130	20.41
DEC 07...	1548	20.05	JUN 01...	1415	23.26
JAN 11...	1300	22.66	JUL 13...	1110	23.35
FEB 08...	1422	22.87	AUG 02...	1438	23.55
MAR 08...	1155	23.33	SEP 13...	1506	23.40
APR 05...	1345	21.94			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 September 1982 (monthly), incomplete (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.41 ft (6.53 m) NGVD, Oct. 3, 1979; lowest measured, 11.01 ft (3.36 m) NGVD, June 30, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV 03...	1300	15.97	MAY 10...	1150	12.38
DEC 07...	1012	15.62	JUN 01...	1004	12.12
JAN 11...	1045	15.99	JUL 13...	1150	14.16
FEB 08...	0930	16.18	AUG 02...	1000	15.95
MAR 08...	0912	15.43	SEP 13...	1038	17.34
APR 05...	0929	14.09			

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 Mar. 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, 22.15 ft (6.75 m) NGVD, Feb. 15, 1981; lowest, 2.59 ft (0.79 m) below NGVD, June 15, 1973.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.22	16.79	17.00	15.92	15.51	11.86	8.30	6.65	16.80	8.79	15.98	13.11
10	15.42	13.03	16.78	15.76	15.32	14.21	10.21	2.78	6.07	11.60	19.37	18.57
15	11.23	12.61	13.71	14.33	16.19	10.92	6.14	5.50	4.31	8.77	16.92	12.65
20	13.87	11.36	15.12	17.25	14.13	7.61	4.83	5.51	13.85	12.38	18.75	12.74
25	9.83	9.00	17.17	14.42	13.47	12.64	13.89	9.13	17.21	17.38	16.25	20.34
EOM	14.56	10.59	16.95	15.55	13.64	14.69	7.61	8.21	9.14	17.61	15.35	18.60
MEAN	12.95	13.04	15.59	15.96	15.12	11.56	9.10	5.67	11.07	14.00	17.04	15.64
MAX	17.12	16.79	18.94	18.83	18.87	16.72	14.63	9.15	17.50	18.77	19.37	20.57
MIN	7.49	9.00	11.49	12.07	12.26	6.02	3.68	1.85	4.31	8.28	15.35	10.45
WTR YR 1982	MEAN	13.05	MAX	20.57	SEP 26	MIN	1.85	MAY 12				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PINELLAS COUNTY

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), 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, 22.18 ft (6.76 m) NGVD, Oct. 3, 1979; lowest measured, 3.32 ft (1.01 m) below NGVD, June 18, 1973.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV 03...	1327	10.80	MAY 10...	1503	-0.19
DEC 07...	1150	15.53	JUN 01...	1108	5.28
JAN 11...	1107	19.84	JUL 13...	1209	6.98
FEB 08...	1048	7.55	AUG 02...	1105	7.49
MAR 08...	0942	16.70	SEP 13...	1334	7.32
APR 05...	1037	2.90			

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 September 1982 (discontinued). 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, 23.75 ft (7.24 m) NGVD, Sept. 26, 1982; lowest, 4.84 ft (1.48 m) NGVD, June 5, 1973.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.96	19.16	18.59	18.18	18.27	14.60	13.22	11.11	18.63	16.09	17.53	16.84
10	16.98	15.54	18.14	17.62	17.38	15.15	13.06	9.28	13.67	18.42	21.64	20.53
15	13.92	16.44	16.43	17.63	17.79	13.95	12.71	11.58	11.92	15.24	18.19	17.70
20	15.44	14.66	16.41	19.62	16.38	11.80	10.60	11.05	17.40	18.50	18.84	17.47
25	15.36	13.51	18.44	17.38	15.28	14.51	15.22	11.90	17.44	17.60	18.53	23.25
EOM	16.33	13.84	18.32	17.73	15.71	16.89	13.38	13.80	15.61	18.70	18.52	21.40
MEAN	15.82	15.95	17.47	18.37	17.27	14.49	13.13	11.27	15.87	17.89	18.81	19.90
MAX	18.40	19.16	20.30	20.47	20.19	19.44	16.01	13.80	19.77	20.95	21.64	23.75
MIN	11.70	12.48	13.98	16.60	15.15	11.37	9.81	9.19	11.92	15.24	16.87	16.84
WTR YR 1982	MEAN	16.35	MAX	23.75	SEP 26	MIN	9.19	MAY 6				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 21.57 ft (6.57 m) NGVD, Oct. 3, 1979; lowest measured, 8.93 ft (2.72 m) NGVD, June 18, 1973.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
14...	1225	15.46	05...	1055	13.54
NOV			MAY		
03...	1339	14.10	10...	1528	11.23
DEC			JUN		
07...	1205	15.54	01...	1120	14.62
JAN			JUL		
11...	1115	18.33	13...	1218	15.69
FEB			AUG		
08...	1105	16.44	02...	1115	16.69
MAR			SEP		
08...	0957	17.60	13...	1355	17.65

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 NRSB.

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 September 1982 (monthly), incomplete (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.80 ft (7.25 m) NGVD, Oct. 3, 1979; lowest measured, 11.58 ft (3.53 m) NGVD, May 29, 1974.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
DEC			JUN		
07...	1200	16.77	01...	1130	15.48
FEB			JUL		
08...	1118	18.45	13...	1220	18.60
MAR			AUG		
08...	0955	17.80	02...	1132	19.65
APR			SEP		
05...	1115	16.93	13...	1352	20.36
MAY					
10...	1526	15.29			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 8.51 ft (2.59 m) NGVD, May 5, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.23	17.24	16.89	17.51	17.24	14.88	13.15	12.81	16.66	14.91	17.33	15.99
10	16.46	15.11	16.39	17.51	15.85	16.52	14.75	10.74	13.70	17.51	19.34	19.40
15	14.22	15.20	15.89	17.84	16.95	14.86	12.24	12.75	11.41	15.63	17.32	18.06
20	14.55	14.23	16.12	17.76	15.63	12.50	11.17	12.85	16.80	17.75	18.87	16.70
25	14.81	14.07	16.27	17.11	15.39	14.87	14.61	12.19	19.17	17.53	18.59	20.49
EOM	15.74	13.53	18.06	16.47	15.86	16.83	13.43	14.83	15.75	18.05	17.35	19.86
MEAN	15.09	15.06	16.39	17.42	16.33	14.90	13.46	12.28	15.49	17.16	18.10	18.60
MAX	17.25	17.29	18.27	18.74	17.68	17.69	15.94	14.83	19.17	19.01	20.25	21.20
MIN	12.29	13.35	13.92	15.74	15.07	12.33	10.78	10.44	11.41	14.84	16.78	15.99
WTR YR 1982	MEAN	15.85	MAX	21.20	SEP 26	MIN	10.44	MAY 12				

WATER RESOURCES DATA FOR FLORIDA, 1982
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KEY TO SITE LOCATIONS ON FIGURE 16

POLK COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER	INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	273849081511101	250	18A	275411081372001	265
2	273851082031501	251	18A	275411081372002	266
2	273851082031502	252	18A	275411081372003	267
2	273851082031503	253	19	275815081444201	268
3	273929081363801	254	20	275840081391101	268
4	274151081513201	254	21	275959081552501	269
5	274155081573201	255	22	280229081325201	269
6	274225081315201	255	24	280456081374301	270
7	274409082015001	256	25	280503081552801	271
8	274440081314801	256	26	280531081431601	271
9	274517081584001	257	26	280556081532601	272
10	274547081470901	258	27	280614081453602	272
10	274547081470902	258	28	280715081543501	273
10	274547081470903	259	29	280719081543301	273
11	274616081434301	259	30	280829081535301	274
12	274743081375601	260	31	281008081441801	274
13	275009081540901	260	31	281008081441802	275
14	275207081411301	261	33	281051081362501	276
15	275314081514201	262	32	281057081495002	276
15	275314081514202	262	33	281058081364201	277
15	275314081514203	263	33A	281312082011601	278
16	275326081585801	263	34	281532081345001	279
18	275408081595702	264	34	281532081345002	279
18	275408081595703	264			

WATER RESOURCES DATA FOR FLORIDA, 1982
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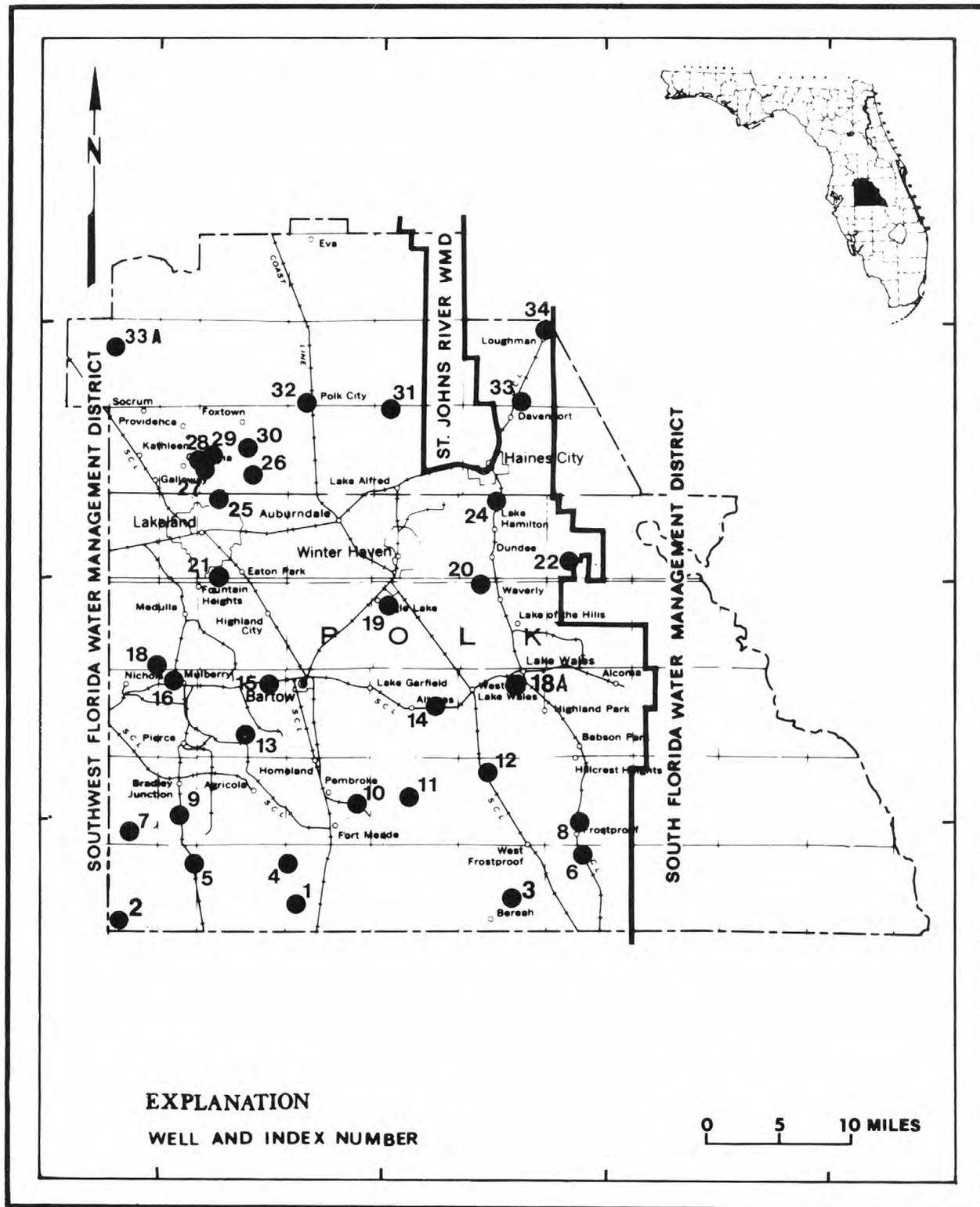


Figure 17. Location of wells in Polk County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--273849081511101. Maddox Well near Bowling Green, FL.

LOCATION.--Lat 27°38'49", long 81°51'11", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	57.66	52.38	53.16	54.51	49.93	48.13	52.81	55.78	57.39	65.77	70.05	71.19
10	56.09	52.32	53.46	53.88	51.19	50.03	53.07	55.76	58.08	66.35	70.39	71.50
15	53.78	53.35	54.45	51.53	49.89	51.33	53.71	53.48	59.60	67.16	70.54	71.70
20	53.53	53.42	51.97	51.08	50.11	50.75	54.16	51.44	60.96	67.98	70.73	71.90
25	51.46	52.63	53.65	51.56	50.69	49.82	52.98	52.19	62.49	68.48	71.45	72.40
EOM	50.52	54.26	54.13	50.58	50.03	50.48	54.35	55.97	64.01	69.31	71.64	72.70
MEAN	54.19	52.92	53.52	52.20	50.31	50.09	53.18	53.96	59.94	67.18	70.71	71.87
MAX	58.01	54.26	54.55	54.83	51.24	51.33	54.49	55.97	64.01	69.31	71.64	72.70
MIN	50.52	51.02	51.97	50.40	49.42	48.13	50.64	51.08	56.49	64.08	69.69	71.19
WTR YR 1982 MEAN	57.54		MAX	72.70	SEP 28	AND OTHERS	MIN	48.13	MAR 5			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--273851082031501. ROMP 40 Avon Park Well near Duette, FL.

LOCATION.--Lat 27°38'51", long 82°03'15", in SW¼SW¼ sec.31, T.33 S., R.23 E., Hydrologic Unit 03100101, 200 ft (61 m) west of State Highway 37, 0.1 mi (0.2 km) south of Grace Chemical Plant entrance road, and 6.3 mi (10.1 km) north of Duette.

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

WELL CHARACTERISTICS.--Drilled, observation well, diameter 10 in (25 cm), depth 1,140 ft (347 m), cased to 408 ft (124 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 2.09 ft (0.64 m) above land-surface datum.

DATUM.--Land-surface datum is 137.94 ft (42.04 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 55.55 ft (16.93 m) NGVD, Sept. 2, 1982; lowest, 28.12 ft (8.57 m) NGVD, July 13, 1981.

ELEVATION (FEET NGVD), JULY TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5										---	33.75	39.78
10										---	34.68	40.89
15										28.67	35.80	42.14
20										29.56	36.77	43.27
25										30.61	37.58	44.04
EOM										32.67	38.92	44.39
MEAN										30.17	35.92	42.06
MAX										32.67	38.92	44.39
MIN										28.12	32.94	39.14
WTR YR 1981	MEAN	36.86	MAX	44.39	SEP 30	MIN	28.12	JUL 13				

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	44.32	38.35	36.48	35.76	32.31	29.43	33.01	33.94	34.92	46.22	43.58	55.42
10	43.36	38.33	36.07	35.29	31.11	30.76	33.62	34.01	36.07	47.92	50.47	55.22
15	42.71	37.40	35.79	34.07	30.57	31.88	34.59	32.42	37.37	47.65	54.16	54.85
20	41.54	37.65	34.58	33.84	31.02	31.94	33.52	30.78	40.20	46.53	54.68	54.24
25	40.08	37.37	34.84	32.99	30.41	31.83	32.70	30.20	42.62	45.66	55.33	54.55
EOM	37.88	36.89	35.79	32.83	30.28	31.73	33.18	31.97	44.52	44.59	55.50	55.08
MEAN	42.02	37.66	35.68	34.20	31.20	31.30	33.26	32.21	38.42	46.43	51.74	54.90
MAX	44.53	38.35	36.81	35.98	32.81	32.49	34.59	34.04	44.52	48.34	55.52	55.55
MIN	37.88	36.77	34.48	32.58	30.28	29.43	31.91	29.73	32.39	44.59	43.43	54.24
WTR YR 1982	MEAN	39.13	MAX	55.55	SEP 2	MIN	29.43	MAR 5				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--273851082031502. ROMP 40 Hawthorn Well near Duette, FL.

LOCATION.--Lat 27°38'51", long 82°03'15", in SW¼SW¼ sec.31, T.33 S., R.23 E., Hydrologic Unit 03100101, 200 ft (61 m) west of State Highway 37, 0.1 mi (0.2 km) south of Grace Chemical Plant entrance road, and 6.3 mi (10.1 km) north of Duette.

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 76 ft (23 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.21 ft (0.98 m) above land-surface datum.

DATUM.--Land-surface datum is 137.94 ft (42.04 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 129.16 ft (39.37 m) NGVD, Sept. 26, 1982; lowest, 126.46 ft (38.55 m) NGVD, July 28, 1981.

ELEVATION (FEET NGVD), JULY TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5										---	126.59	127.51
10										---	126.63	127.65
15									126.63	126.81	127.60	
20									126.53	126.87	127.80	
25									126.48	127.06	127.86	
EOM									126.52	127.39	127.86	
MEAN										126.54	126.85	127.69
MAX										126.65	127.39	127.87
MIN										126.46	126.50	127.43
WTR YR 1981	MEAN	127.09	MAX	127.87	SEP 22	AND OTHERS	MIN	126.46	JUL 28			

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	127.82	127.55	127.16	127.06	127.05	127.14	127.68	127.65	127.99	128.39	128.80	128.80
10	127.79	127.46	127.19	127.06	127.07	127.24	127.67	127.60	128.01	128.53	128.75	128.80
15	127.75	127.39	127.20	127.09	127.00	127.39	127.68	127.49	128.05	128.57	128.74	128.83
20	127.67	127.33	127.09	127.04	127.12	127.44	127.65	127.39	128.25	128.64	128.74	128.85
25	127.66	127.24	127.13	127.09	127.09	127.51	127.60	127.54	128.30	128.67	128.76	129.03
EOM	127.55	127.20	127.13	127.08	127.10	127.58	127.69	127.79	128.36	128.76	128.80	129.12
MEAN	127.74	127.38	127.16	127.07	127.07	127.36	127.66	127.56	128.13	128.58	128.77	128.89
MAX	127.89	127.55	127.24	127.18	127.16	127.58	127.71	127.79	128.36	128.78	128.83	129.16
MIN	127.55	127.19	127.09	127.02	126.98	127.09	127.58	127.36	127.86	128.35	128.71	128.80
WTR YR 1982	MEAN	127.78	MAX	129.16	SEP 26	MIN	126.98	FEB 14				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--275851082031503. ROMP 40 Shallow Well near Duette, FL.

LOCATION.--Lat 27°38'51", long 82°03'15", in SW¼SW¼ sec.31, T.33 S., R.23 E., Hydrologic Unit 03100101, 200 ft (61 m) west of State Highway 37, 0.1 mi (0.2 km) south of Grace Chemical Plant entrance road, and 6.3 mi (10.1 km) north of Duette.

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 10 ft (3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.90 ft (0.88 m) above land-surface datum.

DATUM.--Land-surface datum is 137.94 ft (42.04 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 137.70 ft (41.97 m) NGVD, June 18, 1982; lowest, 133.92 ft (40.82 m) estimated, NGVD, July 16, 17, 1981.

ELEVATION (FEET NGVD), JULY TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5										---	135.77	137.05
10										---	135.31	136.93
15										133.95	136.02	136.40
20										134.12	136.39	136.53
25										134.52	136.36	136.14
EOM										135.20	137.01	135.86
MEAN										134.38	136.05	136.59
MAX										135.23	137.19	137.22
MIN										133.92	135.07	135.86
WTR YR 1981	MEAN	135.85	MAX	137.22	SEP 6 AND OTHERS	MIN	133.92	JUL 16 AND OTHERS				

NOTE.--Record estimated July 16-28.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	135.61	134.95	134.98	134.71	134.63	134.79	135.85	135.27	137.26	136.58	136.41	136.11
10	135.40	134.70	134.77	134.50	134.53	135.94	135.56	134.91	136.38	137.42	136.07	136.45
15	135.50	134.54	134.74	135.04	134.50	136.01	135.57	134.59	136.22	136.99	136.34	135.88
20	135.18	134.47	134.60	134.90	135.43	135.59	135.23	134.33	137.46	136.61	136.94	136.41
25	135.07	134.35	134.51	135.00	135.07	135.72	135.06	136.51	137.45	136.73	136.22	137.26
EOM	134.95	134.28	134.77	134.72	135.00	136.43	135.76	137.37	136.54	136.80	136.34	136.86
MEAN	135.36	134.58	134.74	134.79	134.86	135.79	135.64	135.36	136.99	136.99	136.43	136.55
MAX	135.81	134.95	135.04	135.04	135.52	136.77	136.27	137.37	137.70	137.46	136.96	137.66
MIN	134.95	134.28	134.26	134.44	134.39	134.79	135.02	134.24	136.13	136.20	135.81	135.75
WTR YR 1982	MEAN	135.68	MAX	137.70	JUN 18	MIN	134.24	MAY 22				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

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 6 in (15 cm) corrected, horizontal discharge pipe, 1.50 ft (0.46 m) above land-surface datum.

DATUM.--Land-surface datum is 128.80 ft (39.26 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 PERIOD OF RECORD.--Highest water level measured, 88.97 ft (27.12 m) NGVD, Sept. 14, 1982; lowest measured, 60.64 ft (18.48 m) NGVD, May 6, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
13...	1414	77.45	11...	1515	76.39
JAN			JUL		
13...	1640	71.22	15...	1355	85.77
MAR			SEP		
11...	1525	76.03	14...	1732	88.97
APR					
29...	1130	78.01			

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.--Tape measured. Measuring point: Top of 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 September 1981; October 1981 to September 1982 (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, 72.40 ft (22.07 m) NGVD, Sept. 15, 1982; lowest daily maximum water level, 24.51 ft (7.47 m) NGVD, May 10, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
13...	1201	55.55	27...	0740	54.15
NOV			MAY		
10...	0803	53.22	11...	1111	55.72
JAN			JUL		
11...	1308	54.71	12...	1400	67.73
FEB			SEP		
08...	0808	51.90	03...	1438	72.18
MAR			15...	1019	72.40
08...	1350	50.54			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--274155081573201. Fort Green Springs Road Well near Bradley Junction, FL.

LOCATION.--Lat 27°41'55", long 81°57'32", in SE¼SE¼ sec.13, T.32 S., R.23 E., Hydrologic Unit 03100101, 3.0 mi (4.8 km) south of Brewster on Fort Green Springs Road, and 3.0 mi (4.8 km) south of Bradley Junction.

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).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 8 in (20 cm) casing extension, 2.45 ft (0.75 m) above land-surface datum. Prior to Sept. 17, 1971, top of casing, 2.00 ft (0.61 m) above land-surface datum.

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 September 1980 (monthly); October 1980 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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 09...	1300	52.98	MAY 11...	0853	58.33
JAN 11...	0925	53.63	JUL 12...	1335	66.78
MAR 08...	0920	49.36	SEP 02...	1045	71.63
APR 26...	1445	53.27	15...	0955	71.73

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, 3.15 ft (0.96 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, 96.16 ft (29.31 m) NGVD, May 30, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	99.02	98.83	98.13	97.35	96.85	96.68	96.68	96.44	96.53	98.40	100.14	100.47
10	99.11	98.73	97.98	97.26	96.78	96.69	96.62	96.37	96.76	98.79	100.21	100.57
15	99.22	98.56	97.83	97.21	96.79	96.64	96.54	96.34	96.91	99.16	100.29	100.71
20	99.22	98.44	97.79	97.14	96.77	96.55	96.47	96.30	97.26	99.49	100.44	100.77
25	99.15	98.30	97.63	97.04	96.72	96.50	96.42	96.22	97.83	99.67	100.48	100.91
EOM	98.94	98.25	97.47	96.93	96.68	96.62	96.46	96.18	98.23	99.98	100.50	100.98
MEAN	99.11	98.57	97.84	97.18	96.79	96.61	96.54	96.32	97.12	99.15	100.32	100.70
MAX	99.26	98.92	98.23	97.45	96.92	96.69	96.68	96.46	98.23	99.98	100.50	100.98
MIN	98.94	98.25	97.47	96.93	96.68	96.50	96.41	96.16	96.28	98.27	100.03	100.45
WTR YR 1982	MEAN	98.03	MAX	100.98	SEP 29 AND OTHERS	MIN	96.16	MAY 30				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--274409082015001. Bethlehem Road Deep Well near Bradley Junction, FL.

LOCATION.--Lat 27°44'09", long 82°01'50", in SW¼SE¼ 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, 0.33 ft (0.10 m) above land-surface datum. Prior to July 15, 1981, 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, 64.11 ft (19.54 m) NGVD, Aug. 29, Sept. 7, 1982; lowest, 16.60 ft (5.06 m) NGVD, May 9, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	48.47	43.84	44.04	44.29	40.70	38.58	41.62	45.67	46.67	56.32	61.50	63.77
10	48.02	44.00	44.03	43.30	40.68	39.47	42.93	45.65	48.02	56.57	61.80	62.96
15	46.53	43.89	44.31	41.98	39.93	41.54	44.18	44.33	49.32	57.40	61.44	62.90
20	45.50	44.52	43.79	41.26	39.65	41.20	44.06	42.00	50.88	58.30	62.51	63.01
25	44.43	44.23	43.92	41.94	39.75	41.10	43.36	42.09	52.86	60.05	62.96	63.54
EOM	42.19	45.51	44.40	41.05	40.31	40.91	44.13	45.20	54.93	60.99	63.78	63.92
MEAN	46.29	44.17	44.18	42.40	40.14	40.47	43.08	44.01	49.83	57.89	62.28	63.38
MAX	48.85	45.51	45.11	44.89	41.02	41.77	44.21	45.76	54.93	60.99	64.11	64.11
MIN	42.19	42.19	43.38	40.98	39.24	38.58	40.81	41.30	45.78	55.28	60.89	62.40
WTR YR 1982	MEAN	48.22	MAX	64.11	AUG 29 AND OTHERS	MIN	38.58	MAR	5			

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, 63.81 ft (19.45 m) NGVD, May 6, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
13...	1256	79.64	11...	1547	75.96
JAN			JUL		
13...	1556	74.30	15...	1515	85.65
MAR			SEP		
11...	1645	77.68	14...	1710	88.20
APR					
29...	1100	79.58			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

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, 0.9 mi (1.4 km) north of State Highway 630, 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 steel plate, 2.54 ft (0.77 m) above land-surface datum. Prior to Nov. 9, 1981, 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 September 1981 (monthly), incomplete; October 1981 to September 1982 (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, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
JAN			MAY		
21...	0906	50.73	11...	0830	54.92
MAR			JUL		
08...	0830	48.93	07...	1220	65.63
30...	0735	50.16	SEP		
APR			02...	1025	71.25
26...	1415	52.91	15...	1120	71.32

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--274547081470901. ROMP 45 Hawthorn 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. Prior to October 1979, published as Ft. Meade BM Well at Ft. Meade.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 77.84 ft (23.73 m) NGVD, Sept. 30, 1982; lowest, 37.14 ft (11.32 m) NGVD, May 8, 1976.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	63.06	58.61	59.56	59.96	55.89	54.90	58.45	60.82	62.56	70.40	75.28	75.73
10	61.91	58.45	59.70	59.12	57.31	56.35	59.27	59.89	63.44	71.45	75.40	76.62
15	59.69	58.92	59.93	57.68	56.22	57.62	59.56	57.64	64.60	71.84	75.38	76.92
20	59.21	60.00	57.59	58.09	55.97	57.01	59.29	55.76	66.29	72.73	75.43	76.71
25	57.59	59.58	59.34	57.65	56.66	56.12	58.62	57.54	67.80	73.25	76.21	77.15
EOM	57.14	59.90	59.48	56.73	55.78	57.07	59.76	61.63	69.39	74.49	76.13	77.84
MEAN	60.18	59.04	59.38	58.28	56.51	56.53	58.95	58.76	65.16	72.04	75.54	76.68
MAX	63.50	60.16	59.99	59.96	57.31	57.62	60.18	61.63	69.39	74.49	76.21	77.84
MIN	57.14	57.10	57.59	56.73	55.61	54.90	57.33	55.76	61.96	68.78	74.91	75.35
WTR YR 1982	MEAN	63.12	MAX	77.84	SEP 30	MIN	54.90	MAR 5				

WELL NUMBER.--274547081470902. ROMP 45 Suwannee 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.--Suwannee limestone of Oligocene Age, Geologic Unit 123 SWNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 440 ft (134 m), cased to 330 ft (101 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.37 ft (1.33 m) above land-surface datum. Prior to April 1981, top of recorder shelter floor, 4.20 ft (1.28 m) above land-surface datum.

DATUM.--Land-surface datum is 122.07 ft (37.21 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 73.31 ft (22.34 m) NGVD, Sept. 30, 1982; lowest, 31.63 ft (9.64 m) NGVD, May 16, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	58.52	53.34	54.21	55.69	50.88	48.68	53.84	56.68	58.27	66.57	70.72	71.88
10	56.58	53.09	54.69	54.85	52.04	50.95	54.34	56.35	59.14	67.27	71.07	72.06
15	54.53	54.28	55.43	52.87	50.78	52.17	54.65	54.15	60.47	67.94	71.24	72.40
20	54.34	55.05	54.06	52.44	51.06	51.68	54.86	52.05	61.80	68.76	71.43	72.28
25	52.29	54.11	54.86	52.73	51.55	50.53	54.00	53.07	63.41	69.19	72.09	72.75
EOM	51.40	55.45	55.30	51.69	50.87	51.50	55.44	57.29	64.79	70.15	72.28	73.31
MEAN	55.04	54.04	54.70	53.50	51.28	51.04	54.20	54.79	60.85	67.95	71.40	72.38
MAX	58.89	55.45	55.52	56.04	52.17	52.17	55.44	57.29	64.79	70.15	72.28	73.31
MIN	51.39	51.92	53.66	51.56	50.50	48.68	51.96	51.84	57.59	64.80	70.45	71.80
WTR YR 1982	MEAN	58.47	MAX	73.31	SEP 30	MIN	48.68	MAR 5				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--274547081470903. ROMP 45 Avon Park 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, 0.8 mi (1.3 km) east of U. S. Highway 17 in Ft. Meade.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 757 ft (231 m), cased to 680 ft (207 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.22 ft (0.98 m) above land-surface datum. Prior to Feb. 19, 1981, top of recorder shelter floor, 3.80 ft (1.16 m) above land-surface datum.

DATUM.--Land-surface datum is 122.16 ft (37.23 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 73.17 ft (22.30 m) NGVD, Sept. 30, 1982; lowest, 31.75 ft (9.68 m) NGVD, May 16, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	58.45	53.18	54.08	55.81	51.15	49.28	53.57	56.43	57.99	66.23	70.69	71.69
10	57.05	53.28	54.60	54.61	52.10	50.92	54.06	56.09	58.98	66.98	71.00	72.00
15	54.91	54.03	55.24	53.10	50.86	52.21	54.74	53.87	60.36	67.73	71.14	72.42
20	54.45	55.20	53.82	52.69	50.73	51.52	55.06	52.41	61.48	68.57	71.18	72.21
25	52.30	54.54	54.51	52.50	51.66	50.97	53.86	52.88	63.05	69.02	72.03	72.38
DOM	51.40	55.28	55.06	51.61	50.91	51.54	55.06	56.61	64.63	69.83	72.12	73.17
MEAN	55.18	53.96	54.57	53.48	51.28	51.06	54.09	54.62	60.59	67.72	71.25	72.29
MAX	58.91	55.28	55.37	55.85	52.10	52.21	55.19	56.61	64.63	69.83	72.12	73.17
MIN	51.40	51.64	53.52	51.57	50.49	48.93	51.84	51.79	57.31	64.57	70.21	71.69
WTR YR 1982	MEAN	58.38	MAX	73.17	SEP 30	MIN	48.93	MAR 6				

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.--Tape measured. Measuring point: Top of 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 September 1979, incomplete; October 1979 to current year (monthly). 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 water level measured, 73.05 ft (22.27 m) NGVD, Sept. 15, 1982; lowest daily maximum water level, 25.66 ft (7.82 m) NGVD, May 9, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
06...	1318	59.19	06...	0918	57.12
NOV			11...	1229	55.99
10...	1125	53.70	JUN		
DEC			09...	1129	59.52
08...	1338	55.15	JUL		
JAN			01...	1005	65.39
05...	1030	56.31	AUG		
FEB			04...	1417	71.44
08...	1518	52.70	SEP		
MAR			15...	1150	73.05
02...	1800	50.64			
APR					
06...	1440	54.57			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (3 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, 62.20 ft (18.96 m) NGVD, May 20, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
06...	1350	82.43	06...	0947	80.71
NOV			11...	1250	79.43
10...	1050	78.38	JUN		
DEC			08...	1503	81.24
08...	1415	78.12	JUL		
JAN			01...	0943	85.16
05...	1050	78.86	AUG		
FEB			04...	1507	89.31
08...	1558	77.23	SEP		
MAR			15...	1130	90.92
02...	1818	77.41			
APR					
06...	1515	78.75			

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	58.37	53.14	54.16	55.38	50.83	48.76	53.44	56.52	58.21	66.32	70.38	71.91
10	56.78	53.16	54.17	54.74	51.95	50.71	54.22	56.16	59.03	67.18	70.83	71.97
15	54.89	54.13	55.52	52.63	50.62	51.95	54.53	54.57	60.56	67.48	71.34	72.24
20	54.46	54.84	54.70	52.43	50.85	51.53	54.88	52.47	61.61	68.42	71.42	72.00
25	52.35	54.27	54.89	52.52	51.33	50.62	53.90	53.34	63.28	69.17	71.85	72.44
FOM	51.54	55.61	55.38	51.55	50.69	51.43	55.16	57.03	64.82	70.18	71.96	72.82
MEAN	55.05	54.01	54.78	53.38	51.13	50.87	54.02	54.88	60.81	67.74	71.26	72.20
MAX	58.71	55.61	55.68	55.89	52.24	51.95	55.20	57.03	64.82	70.18	72.38	72.90
MIN	51.54	51.97	54.04	51.47	50.44	48.76	51.50	51.99	57.64	64.80	70.34	71.70
WTR YR 1982	MEAN	58.38	MAX	72.90	SEP 26	MIN	48.76	MAR 5				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--275207081411301. R. Perdue Well near Alturas, FL.

LOCATION.--Lat 27°52'07", long 81°41'13", in NW $\frac{1}{4}$ SE $\frac{1}{4}$ 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, 86.60 ft (26.40 m) NGVD, Sept. 15, 1982; lowest measured, 51.19 ft (15.60 m) NGVD, May 20, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
06...	1522	73.72	06...	1030	73.04
NOV			JUN		
10...	1005	72.15	08...	1404	74.92
DEC			24...	1127	78.05
08...	1525	73.07	JUL		
JAN			01...	0910	79.88
05...	1115	74.28	AUG		
FEB			04...	1654	85.21
08...	1428	70.82	SEP		
MAR			15...	1100	86.60
02...	1848	68.04			
APR					
06...	1540	71.76			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--275314081514201. ROMP 59 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. Prior to October 1979, published as Bartow Avon Park Well at Bartow.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 74.13 ft (22.59 m) NGVD, Sept. 28, 1982; lowest, 33.33 ft (10.16 m) NGVD, May 16, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	59.36	54.52	55.37	56.85	52.14	50.11	54.58	57.38	59.13	67.09	71.23	72.63
10	57.90	54.60	55.81	56.05	53.15	52.00	55.14	57.18	59.82	67.84	71.67	72.89
15	56.06	55.44	56.52	54.18	52.02	53.12	55.59	55.37	61.21	68.46	71.98	73.18
20	55.69	56.04	55.68	53.81	52.23	52.69	55.93	53.41	62.40	69.28	72.13	73.10
25	53.93	55.52	56.03	53.85	52.48	52.01	55.25	54.29	63.98	69.81	72.67	73.68
EOM	53.02	56.60	56.59	52.98	52.04	52.72	56.18	57.88	65.47	70.79	72.88	74.10
MEAN	56.36	55.30	55.96	54.80	52.44	52.17	55.16	55.77	61.55	68.48	72.03	73.18
MAX	59.67	56.60	56.72	57.11	53.33	53.15	56.27	57.88	65.47	70.79	73.02	74.13
MIN	53.02	53.46	55.18	52.89	51.85	50.11	52.93	52.97	58.24	65.47	71.04	72.53
WTR YR 1982	MEAN	59.47	MAX	74.13	SEP 28	MIN	50.11	MAR 5				

WELL NUMBER.--275314081514202. ROMP 59 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. Prior to October 1979, published as Bartow Hawthorn Well at Bartow.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 88.48 ft (26.97 m) NGVD, Oct. 24, 1979; lowest, 74.85 ft (22.81 m) NGVD, June 15, 16, 17, 18, 1977.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	78.66	78.59	78.52	78.76	77.91	77.31	76.90	77.07	77.36	79.33	82.21	84.46
10	78.82	78.52	78.51	78.66	77.83	77.22	76.90	77.05	77.49	79.83	82.71	84.92
15	78.80	78.52	78.50	78.54	77.74	77.08	77.04	76.92	77.67	80.33	83.19	85.38
20	78.76	78.51	78.61	78.33	77.67	76.95	77.06	76.82	78.01	80.79	83.54	85.72
25	78.72	78.47	78.72	78.21	77.56	76.90	77.05	76.84	78.44	81.16	83.95	86.37
EOM	78.65	78.51	78.76	78.03	77.45	76.90	77.08	77.12	78.95	81.67	84.26	88.11
MEAN	78.72	78.53	78.59	78.46	77.75	77.09	76.99	76.97	77.86	80.36	83.18	85.55
MAX	78.83	78.64	78.76	78.76	78.01	77.42	77.09	77.12	78.95	81.67	84.26	88.11
MIN	78.45	78.47	78.48	78.03	77.45	76.87	76.86	76.77	77.17	78.96	81.79	84.33
WTR YR 1982	MEAN	79.18	MAX	88.11	SEP 30	MIN	76.77	MAY 23				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--275314081514203. ROMP 59 Upper 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, 970 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.--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.--Tape measured. Measuring point: Top of 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 September 1979; October 1979 to current year (bimonthly). Prior to October 1979, published as Bartow Upper Hawthorn Well at Bartow.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 88.70 ft (30.87 m) NGVD, Oct. 12, 1979; lowest daily maximum water level, 75.24 ft (22.93 m) NGVD, June 13, 16, 17, 18, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
05...	1125	79.58	11...	1013	77.86
DEC			JUN		
07...	1115	79.26	07...	1137	78.48
FEB			AUG		
01...	1215	78.63	02...	1127	83.09
APR			SEP		
05...	1007	77.62	14...	1318	86.39

WELL NUMBER.--275326081585801. ROMP 60 Deep Well at Mulberry, FL.

LOCATION.--Lat 27°53'26", long 81°58'58", in SE¼NW¼ 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. Prior to October 1979, published as Mulberry Deep Well at Mulberry.

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.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	58.01	53.41	54.08	55.36	50.80	48.93	53.10	56.26	57.81	65.68	69.95	71.32
10	56.85	53.60	54.37	54.93	51.73	50.83	54.10	55.99	58.48	66.48	70.49	71.50
15	55.13	54.15	55.07	53.07	50.52	51.79	54.68	54.22	60.06	67.19	70.65	71.98
20	54.74	54.93	54.55	52.48	50.73	51.41	54.74	52.41	61.06	68.07	70.69	71.73
25	52.81	54.39	54.45	52.56	51.28	50.71	54.02	53.06	62.71	68.50	71.42	72.16
EOM	51.94	55.38	55.11	51.76	50.80	51.32	54.84	56.61	64.24	69.43	71.60	72.65
MEAN	55.29	54.14	54.62	53.50	51.07	50.85	53.95	54.60	60.31	67.19	70.75	71.85
MAX	58.29	55.38	55.37	55.63	51.89	51.84	55.01	56.61	64.24	69.43	71.72	72.80
MIN	51.94	52.40	53.78	51.70	50.37	48.93	51.49	51.84	57.09	64.23	69.76	71.27
WTR YR 1982	MEAN	58.21	MAX	72.80	SEP 28	MIN	48.93	MAR 5				

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, 59.66 ft (18.18 m) NGVD, June 8, 1981; lowest measured, 50.65 ft (15.44 m) NGVD, Feb. 9, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 09...	1055	53.87	MAY 11...	0948	54.29
DEC 07...	0945	50.88	JUN 07...	0945	56.23
JAN 05...	0920	53.99	JUL 01...	1720	57.06
FEB 01...	1005	53.98	AUG 02...	0856	57.40
MAR 10...	1400	51.52	SEP 14...	1339	58.49
MAY 05...	0958	53.85			

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, 71.26 ft (21.72 m) NGVD, Sept. 14, 1982; lowest measured, 30.11 ft (9.18 m) NGVD, May 6, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV 09...	1035	51.90	JUN 07...	0950	57.56
DEC 07...	0954	60.35	AUG 02...	0903	68.86
JAN 05...	0930	61.86	SEP 14...	1344	71.26
MAY 05...	1004	54.42			
	11...	54.11			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--275411081372001. ROMP 57-1 Floridan Well near Lake Wales, FL.

LOCATION.--Lat 27°54'11", long 81°37'20", in NE¼NE¼ sec.4, T.30 S., R.27 E., Hydrologic Unit 03100101, 40 ft (12 m) south of State Highway 60, 1.5 mi (2.4 km) west of U. S. Highway 27, and 2.0 mi (3.2 km) west of Lake Wales.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 7 in (18 cm), depth 634 ft (193 m), cased to 160 ft (49 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 128.22 ft (39.08 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 107.67 ft (32.82 m) NGVD, Sept. 30, 1982; lowest, 91.75 ft (27.97 m) NGVD, May 21, 1982.

ELEVATION (FEET NGVD), JULY TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5										---	100.88	102.41
10										---	101.26	102.96
15										---	101.08	103.17
20										---	101.28	101.99
25										100.70	102.11	102.61
EOM										100.66	102.93	101.66
MEAN										100.58	101.47	102.62
MAX										100.81	102.93	103.31
MIN										100.08	100.60	101.66
WTR YR 1981	MEAN	101.82		MAX	103.31	SEP 14		MIN	100.08	JUL 21		

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	99.78	97.24	97.60	99.10	97.29	93.39	98.32	99.91	101.59	104.48	106.72	107.06
10	95.49	98.96	97.88	98.95	97.68	96.88	98.02	99.11	100.07	105.44	106.66	107.16
15	93.49	99.65	97.83	97.90	97.99	98.16	98.88	92.59	99.91	106.02	106.70	107.19
20	95.30	98.33	98.11	98.19	97.12	97.57	99.69	92.12	101.64	105.94	107.14	105.61
25	95.02	97.96	98.18	97.70	95.74	94.93	99.04	95.81	103.51	105.84	107.52	107.16
EOM	95.18	98.75	98.80	97.58	96.23	97.45	99.38	100.32	104.23	106.73	107.38	107.67
MEAN	96.04	98.40	97.94	98.17	97.25	96.36	98.68	96.52	101.58	105.59	106.83	107.01
MAX	101.03	99.74	99.00	99.19	97.99	98.16	99.83	100.32	104.40	106.73	107.52	107.67
MIN	93.46	95.76	95.94	96.53	95.12	93.39	96.76	91.75	98.20	104.05	101.80	105.61
WTR YR 1982	MEAN	100.04		MAX	107.67	SEP 30		MIN	91.75	MAY 21		

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--275411081372002. ROMP 57-2 Hawthorn Well near Lake Wales, FL.

LOCATION.--Lat 27°54'11", long 81°37'20", in NE¼NE¼ sec.4, T.30 S., R.27 E., Hydrologic Unit 03100101, 25 ft (8 m) south of State Highway 60, 1.5 mi (2.4 km) west of U. S. Highway 27, and 2.0 mi (3.2 km) west of Lake Wales.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 7 in (18 cm), depth 140 ft (43 m), cased to 95 ft (29 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 4.08 ft (1.24 m) above land-surface datum.

DATUM.--Land-surface datum is 128.10 ft (39.04 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 120.68 ft (36.78 m) NGVD, July 29, 1982; lowest, 113.09 ft (34.47 m) NGVD, Mar. 5, 1982.

ELEVATION (FEET NGVD), JULY TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5										---	114.44	118.03
10										---	114.61	118.38
15										---	114.97	118.00
20										---	115.75	117.96
25										114.16	117.58	117.61
EOM										114.01	117.79	117.35
MEAN										114.08	115.71	117.87
MAX										114.27	117.88	118.38
MIN										113.72	114.25	117.35
WTR YR 1981	MEAN	116.36		MAX	118.38	SEP 10		MIN	113.72	JUL 21		

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	116.71	115.17	114.66	114.57	113.91	113.09	115.70	116.36	118.16	119.34	120.04	119.08
10	115.81	115.42	114.68	114.45	113.95	114.37	115.54	116.00	117.45	119.87	119.90	119.91
15	115.34	115.46	114.43	114.26	113.91	115.65	115.79	114.90	117.05	120.37	119.40	119.62
20	115.11	114.99	114.57	114.32	113.91	115.41	117.04	114.52	118.92	119.56	119.49	118.93
25	114.88	114.91	114.36	114.11	113.69	114.81	116.75	115.26	119.30	119.41	119.50	119.44
EOM	114.91	114.95	114.49	113.87	113.50	115.98	116.84	117.65	119.15	120.30	119.39	119.82
MEAN	115.63	115.17	114.58	114.23	113.86	114.75	116.35	115.72	118.28	119.82	119.69	119.48
MAX	117.19	115.48	114.86	114.57	114.01	115.98	117.10	117.65	119.47	120.68	120.31	120.21
MIN	114.87	114.88	114.32	113.44	113.43	113.09	115.42	114.15	116.82	118.99	119.37	118.85
WTR YR 1982	MEAN	116.48		MAX	120.68	JUL 29		MIN	113.09	MAR 5		

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--275411081372003. ROMP 57-3 Shallow Well near Lake Wales, FL.

LOCATION.--Lat 27°54'11", long 81°37'20", in NE¼NE¼ sec.4, T.30 S., R.27 E., Hydrologic Unit 03100101, 40 ft (12 m) south of State Highway 60, 1.5 mi (2.4 km) west of U. S. Highway 27, and 2.0 mi (3.2 km) west of Lake Wales.

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 40 ft (12 m), cased to 15 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 0.75 in (2 cm) coupling, 1.30 ft (0.40 m) above land-surface datum.

DATUM.--Land-surface datum is 128.82 ft (39.26 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 123.59 ft (37.67 m) NGVD, Aug. 4, 1982; lowest measured, 117.02 ft (35.67 m) NGVD, Feb. 9, 1982.

ELEVATION, IN FEET NGVD, AUGUST TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
AUG 12...	1357	117.21	SEP 23...	1105	121.14

ELEVATION, IN FEET NGVD, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT 06...	1700	120.27	JUN 08...	1730	121.28
DEC 08...	1630	118.00	AUG 04...	1636	123.59
FEB 09...	1144	117.02	18...	1145	122.96
APR 07...	0845	119.21	SEP 15...	1043	122.63
MAY 11...	1339	119.55			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

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 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
05...	1850	128.56	11...	1425	126.55
NOV			JUN		
09...	1635	127.10	08...	0858	128.99
DEC			AUG		
08...	0705	126.14	03...	1735	129.65
FEB			SEP		
08...	1805	125.46	14...	1141	129.45
APR					
06...	0810	127.74			

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, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 141.80 ft (43.22 m) National Geodetic Vertical Datum of 1929.

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

PERIOD OF RECORD.--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 Rodgers Well near Waverly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 120.53 ft (36.74 m) NGVD, Nov. 5, 1958; lowest measured, 96.64 ft (29.46 m) NGVD, May 13, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
06...	1820	108.20	11...	1442	105.68
DEC			JUN		
08...	1732	109.69	08...	1839	111.15
FEB			AUG		
09...	1031	108.59	03...	1804	115.07
APR			SEP		
07...	0800	109.01	14...	1120	115.72

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

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, 94.88 ft (28.92 m) NGVD, Sept. 30, 1982, water level rising; lowest, 66.38 ft (20.23 m) NGVD, May 9, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	84.50	83.02	83.57	84.40	82.06	80.29	81.47	82.23	84.90	90.03	91.48	92.05
10	83.87	83.28	83.19	84.40	81.45	81.97	82.38	81.80	83.88	90.22	91.27	93.32
15	83.21	83.47	83.81	84.56	81.35	81.28	83.14	80.07	83.94	89.96	91.52	93.12
20	82.31	83.30	83.32	83.91	81.64	81.10	82.03	79.39	86.49	91.82	91.85	93.86
25	82.24	83.22	83.10	83.73	81.11	80.56	82.98	81.15	87.98	91.18	92.66	94.42
EOM	82.13	83.45	84.27	82.90	81.16	81.70	82.69	84.19	88.22	91.63	92.42	94.88
MEAN	83.26	83.36	83.70	84.09	81.68	81.15	82.32	81.26	85.71	90.53	92.02	93.54
MAX	85.00	84.05	84.90	84.97	82.89	81.97	83.71	84.19	88.52	92.31	94.14	94.88
MIN	81.54	82.14	83.06	82.90	81.10	80.29	81.25	79.06	83.70	87.78	90.95	91.89
WTR YR 1982	MEAN	85.24	MAX	94.88	SEP 30	MIN	79.06	MAY 22				

WELL NUMBER.--280229081325201. Lake Hatchineha Road Well near Lake Hamilton, FL.

LOCATION.--Lat 28°02'29", long 81°32'52", in SE¼SE¼ sec.18, T.28 S., R.28 E., Hydrologic Unit 03090101, on north side of State Highway 542, 5.0 mi (8.0 km) east of town of Lake Hamilton.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 463 ft (141 m), cased to 137 ft (42 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of 0.75 in (2 cm) hole in cap, 3.10 ft (0.94 m) above land-surface datum.

DATUM.--Land-surface datum is 93.90 ft (28.62 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1978, land-surface datum was considered to be 90.8 ft (27.7 m) NGVD.

REMARKS.--The figures of water level as elevation NGVD prior to Oct. 1, 1978, are in error. Revised records are available in files of the Geological Survey.

PERIOD OF RECORD.--January 1963 to current year (bimonthly). Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1979, published as Lake Hamilton Well near Lake Hamilton.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 85.56 ft (26.08 m) NGVD, Nov. 10, 1969; lowest measured, 74.47 ft (22.70 m) NGVD, May 20, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
07...	1620	78.25	11...	1502	76.03
DEC			JUN		
09...	1033	78.61	10...	1108	77.91
FEB			AUG		
09...	1242	77.32	05...	1155	81.41
APR			SEP		
07...	1257	78.12	14...	1007	81.72

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

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, 113.50 ft (34.59 m) NGVD, Jan. 31, 1980; lowest measured, 96.03 ft (29.27 m) NGVD, Mar. 31, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
NOV			MAY		
10...	0910	107.82	06...	1200	105.37
DEC			11...	1526	102.95
09...	1048	108.02	JUN		
JAN			10...	1048	106.16
05...	1612	108.47	JUL		
FEB			01...	0829	108.17
09...	1301	107.32	AUG		
MAR			05...	1227	108.95
03...	0759	105.95	SEP		
APR			14...	0948	110.53
07...	1312	106.14			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

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 SE¼SE¼SE¼ sec.32, T.27 S., R.24 E., Hydrologic Unit 03100101, 50 ft (15 m) east of Lake Park 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.

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC			JUL		
15...	1449	113.21	27...	1402	117.29
JAN			SEP		
27...	1627	114.00	14...	1025	117.37
APR					
07...	1501	113.73			
MAY					
10...	1405	112.89			

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 SE¼SW¼NW¼ 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.--Land-surface datum is 171.04 ft (52.13 m), National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1979, land-surface datum was considered to be 180 ft (54.9 m), from topographic map.

REMARKS.--The figures of water levels as elevation NGVD prior to Oct. 1, 1979, are in error. Revised records are available in files of the Geological Survey.

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, 126.51 ft (38.56 m) NGVD, present datum, July 10, 1974; lowest, 109.13 ft (33.26 m) NGVD, May 15, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	119.90	119.75	118.66	---	117.55	116.36	119.61	118.57	121.14	122.96	123.42	122.79
10	116.76	120.36	119.34	---	119.40	119.16	118.49	117.07	120.13	123.33	123.30	123.89
15	115.39	120.34	119.22	---	119.48	119.81	119.77	112.84	119.59	123.01	123.23	123.62
20	116.20	119.77	117.19	---	119.51	116.70	119.41	112.59	121.67	123.32	123.79	123.14
25	116.53	119.14	---	---	118.85	115.65	118.25	116.37	122.82	123.51	124.01	123.63
EOM	119.07	119.35	---	119.01	118.38	119.23	119.39	119.96	122.86	123.32	123.51	123.99
MAX	120.86	120.38	119.38	119.25	119.62	119.81	119.83	119.96	123.18	123.60	124.13	124.28
WTR YR 1982	MEAN	119.97	MAX	124.28	SEP 27	MIN	112.09	MAY 21				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--280556081532601. Local Number 805-153-211. Tendorock Road Well near Lakeland, FL.

LOCATION.--Lat 28°05'56", long 81°53'26", in SE¼SE¼SE¼ sec.27, T.27 S., R.24 E., Hydrologic Unit 03100101, on south side of Tendorock 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.

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 15...	1434	119.21	JUL 27...	1349	123.52
JAN 27...	1604	119.89	SEP 14...	1035	123.61
APR 07...	1445	120.13			
MAY 10...	1345	119.12			

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.

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 15...	1510	112.84	JUL 27...	1510	117.69
JAN 27...	1736	114.04	SEP 14...	1015	117.44
APR 07...	1553	113.82			
MAY 10...	1430	112.77			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

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 SW¼NE¼SE¼ 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.

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. 6, 1964.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 15...	1416	132.98	JUL 27...	1327	135.21
JAN 27...	1550	133.52	SEP 14...	1000	134.84
APR 07...	1429	133.84			
MAY 10...	1335	133.26			

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 SW¼NE¼SE¼ 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 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian well, diameter 1.25 in (3.18 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 15...	1422	134.12	JUL 27...	1336	136.46
JAN 27...	1553	134.46	SEP 14...	0955	136.10
APR 07...	1433	135.24			
MAY 10...	1330	135.01			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--280829081535301. Local Number 808-153-311. 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 (23 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.

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC			JUL		
15...	1402	122.77	26...	1514	128.17
JAN			SEP		
27...	1543	123.72	13...	1410	128.12
APR					
07...	1422	124.07			
MAY					
10...	1320	121.78			

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 SW¼NW¼NW¼ 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 Highway 557, 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	127.38	127.17	126.29	127.20	126.44	125.39	127.48	126.70	127.78	129.16	129.47	128.84
10	125.35	127.45	126.35	127.31	127.18	127.19	126.65	125.75	127.53	129.16	129.36	129.44
15	124.57	127.58	126.59	126.17	127.26	127.47	127.47	123.25	127.19	129.07	129.25	129.50
20	124.78	127.22	125.19	127.05	127.46	126.10	127.31	122.79	128.45	129.12	129.54	129.23
25	125.21	126.83	126.25	127.33	127.26	125.16	126.39	124.93	129.07	129.34	129.65	129.40
EOM	126.88	126.80	127.24	126.93	126.68	127.26	127.05	127.02	129.23	129.49	129.41	129.66
MAX	127.93	127.58	127.24	127.35	127.56	127.47	127.48	127.11	129.29	129.52	129.69	129.66
WTR YR 1982	MEAN	127.33	MAX	129.69	AUG 22	MIN	122.79	MAY 20				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

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 SW¼NW¼NW¼ 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 Highway 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 NRS.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian 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 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, 134.88 ft (41.11 m) NGVD, Oct. 31, 1960; well observed dry on numerous visits.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
08...	0920	132.89	10...	1600	131.38
DEC			JUL		
15...	--	131.55	26...	1607	133.92
JAN			SEP		
27...	1046	131.88	14...	1210	133.71
APR					
07...	0923	132.13			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--281051081362501. USGS Observation Well P47 near Davenport, FL.

LOCATION.--Lat 28°10'51", long 81°36'25", in SW¼NW¼ sec.34, T.26 S., R.27 E., Hydrologic Unit 03090101, 0.5 mi (0.8 km) west of Holly Hill Road, and 1.7 mi (2.7 km) northwest of intersection State Highway 547 and Holly Hill Road in Davenport.

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 67 ft (20 m), cased to 60 ft (18 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.89 ft (0.88 m) above land-surface datum. Prior to Oct. 1, 1979, 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, 106.01 ft (32.31 m) NGVD, June 2, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	107.18	107.26	107.25	107.08	107.01	106.90	107.39	108.20	108.35	109.61	112.15	112.60
10	107.24	107.29	107.21	107.06	106.98	107.00	107.43	108.34	108.35	110.22	112.13	112.67
15	107.23	107.34	107.17	107.03	106.96	107.13	107.47	108.42	108.29	110.88	112.20	112.73
20	107.18	107.35	107.13	107.08	106.95	107.23	107.57	108.44	108.33	111.52	112.24	112.67
25	107.11	107.33	107.10	107.09	106.93	107.29	107.79	108.41	108.62	111.94	112.34	112.55
EOM	107.18	107.28	107.08	107.06	106.92	107.33	108.00	108.34	109.06	112.12	112.46	112.46
MEAN	107.19	107.30	107.16	107.07	106.97	107.12	107.56	108.34	108.44	110.89	112.24	112.61
MAX	107.25	107.35	107.27	107.10	107.05	107.33	108.00	108.44	109.06	112.12	112.46	112.73
MIN	107.11	107.22	107.07	107.03	106.92	106.89	107.34	108.04	108.26	109.16	112.13	112.46
WTR YR 1982	MEAN	108.58	MAX	112.73	SEP 15	AND OTHERS	MIN	106.89	MAR 6			

WELL NUMBER.--281057081495002. Local Number Polk 810-149-03. Polk City Romp 76A Well near Polk City, FL.

LOCATION.--Lat 28°10'57", long 81°14'95", in NW¼SW¼NE¼sec.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, 3.40 ft (1.04 m) above land-surface datum.

DATUM.--Land-surface datum is 136.79 ft (41.69 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 1978 to September 1979; October 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 132.29 ft (40.32 m) NGVD, Oct. 3, 1979; lowest, 119.37 ft (36.38 m) NGVD, May 16, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	127.86	127.24	126.09	127.95	126.79	126.16	128.15	127.04	128.67	130.33	131.09	130.12
10	125.35	127.57	---	128.09	127.71	127.78	127.28	125.68	128.55	130.32	130.85	130.88
15	124.54	127.59	126.08	126.78	127.99	128.19	128.16	123.60	128.37	130.36	130.54	130.88
20	124.43	127.31	124.63	127.92	128.25	125.73	128.07	122.14	129.41	130.65	130.98	130.55
25	125.20	126.63	126.14	128.20	127.58	125.84	126.70	124.94	130.19	130.95	131.11	130.78
EOM	126.92	126.65	127.69	127.36	127.29	127.93	127.61	127.58	130.39	131.12	130.71	131.18
MAX	128.38	127.59	127.69	128.20	128.32	128.19	128.16	127.63	130.42	131.19	131.26	131.18
WTR YR 1982	MEAN	127.96	MAX	131.26	AUG 3	MIN	122.05	MAY 21				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--281058081364201. P. E. Williams Well near Davenport, FL.

LOCATION.--Lat 28°10'58", long 81°36'42", in SW¼NE¼ sec.33, T.26 S., R.27 E., Hydrologic Unit 03090101, 0.8 mi (1.3 km) west of Holly Hill Road, and 1.7 mi (2.7 km) northwest of intersection State Highway 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 (59 m), cased to 81 ft (25 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of threaded coupling, 2.34 ft (0.71 m) above land-surface datum. Prior to Oct. 1, 1979, top of casing, 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 113.14 ft (34.49 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1946 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1979, published as Observation Well P44 near Davenport.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 112.28 ft (34.22 m) NGVD, Sept. 13, 1960; lowest, 105.79 ft (32.24 m) NGVD, May 15, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	107.06	107.49	107.17	107.09	106.86	107.15	108.01	107.95	108.13	109.98	110.37	110.96
10	106.91	107.52	107.09	107.23	106.93	107.52	108.02	108.16	107.63	110.28	110.79	111.17
15	106.76	107.76	107.14	107.03	107.32	107.99	108.16	107.74	107.60	109.78	110.71	111.05
20	106.77	107.27	106.80	107.20	107.26	107.64	108.26	107.25	109.47	110.28	110.82	111.17
25	107.59	107.15	107.20	107.50	106.86	107.44	108.48	107.48	109.38	110.77	110.78	111.10
EOM	107.55	107.46	107.20	107.38	107.21	107.76	108.11	108.18	109.34	110.49	110.79	110.92
MEAN	107.11	107.49	107.14	107.22	107.10	107.57	108.08	107.74	108.58	110.20	110.75	111.04
MAX	107.63	107.85	107.51	107.56	107.40	108.16	108.69	108.43	109.83	110.85	111.27	111.48
MIN	106.73	107.15	106.80	106.75	106.85	106.67	107.42	107.24	107.55	109.30	110.37	110.55
WTR YR 1982	MEAN	108.34	MAX	111.48	SEP 12	MIN	106.67	MAR 4				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--281312082011601. ROMP 87 near Lakeland, FL.

LOCATION.--Lat 28°13'12", long 82°01'25", in SE¼NE¼SE¼ sec.17, T.26 S., R.23 E., Hydrologic Unit 03100208, 2.35 mi (3.78 km) northwest of intersection of U.S. Highway 98 and Rock Ridge Road, and 14.5 mi (23.3 km) northwest of Lakeland.

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

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 6 in (15 cm), depth 380 ft (116 m), cased to 300 ft (91 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.86 ft (1.18 m) above land-surface datum.

DATUM.--Land-surface datum is 107.52 ft (32.77 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 105.07 ft (32.03 m) NGVD, Sept. 28, 1982; lowest, 97.12 ft (29.60 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	102.68	101.97	101.15	102.99	102.99	103.45	103.74	102.38	102.46	103.62	104.68	104.14
10	102.31	102.00	101.07	103.08	102.96	104.09	103.47	101.90	102.37	103.45	104.55	104.66
15	101.86	102.01	100.96	103.36	102.87	103.84	103.82	101.27	102.07	103.72	104.52	104.62
20	101.43	101.78	100.77	103.59	104.07	103.49	103.36	100.77	103.52	104.33	104.67	104.21
25	101.37	101.52	100.80	103.48	103.79	103.23	102.91	100.44	103.94	104.37	104.64	104.89
EOM	101.74	101.33	102.74	103.21	103.66	103.89	102.81	101.38	103.94	104.64	104.67	105.00
MAX	103.08	102.07	102.74	103.59	104.15	104.11	103.92	102.70	104.06	104.64	104.80	105.07
WTR YR 1982	MEAN	103.01	MAX	105.07	SEP 28	MIN	100.40	MAY 24				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--281532081345001. Loughman Deep Well near Loughman, FL.

LOCATION.--Lat 28°15'32", long 81°34'50" in NW¼NE¼ sec.2, T.26 S., R.27 E., Hydrologic Unit 03090101, 10 ft (3 m) south of Lake Wilson Road, 0.6 mi (1.0 km) east of State Highway 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 recorder shelter floor, 2.72 ft (0.83 m) above land-surface datum. Prior to Oct. 1, 1979, 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 (31.79 m) National Geodetic Vertical Datum of 1929.

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 daily maximum water level, 93.23 ft (28.42 m) NGVD, Oct. 1, 1979; lowest, 88.60 ft (27.01 m) NGVD, May 20, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	91.19	91.08	90.82	90.66	90.72	90.63	91.14	90.78	91.16	92.14	92.68	92.91
10	91.07	91.12	90.88	90.75	90.76	90.91	91.11	90.72	90.99	92.18	92.65	93.07
15	90.78	91.08	90.82	90.63	90.75	91.07	91.09	90.46	90.90	91.91	92.66	93.03
20	90.61	90.93	90.62	90.88	90.78	90.90	90.74	90.27	91.94	92.10	92.89	92.86
25	91.01	90.95	90.76	90.91	90.64	90.90	90.99	90.26	92.11	92.68	92.97	92.82
EOM	91.11	90.84	90.80	90.81	90.61	91.13	90.94	91.00	92.09	92.71	92.97	93.01
MEAN	90.95	91.03	90.76	90.77	90.72	90.89	91.01	90.51	91.45	92.27	92.82	92.96
MAX	91.24	91.16	90.93	90.94	90.83	91.18	91.17	91.00	92.18	92.81	93.03	93.09
MIN	90.58	90.84	90.62	89.99	90.61	90.36	90.74	89.93	90.78	91.88	92.57	92.79
WTR YR 1982	MEAN	91.35	MAX	93.09	SEP 11	AND OTHERS	MIN	89.93	MAY 21			

WELL NUMBER.--281532081345002. Loughman Shallow Well near Loughman, FL.

LOCATION.--Lat 28°15'32", long 81°34'50", in NW¼NE¼ sec.2, T.26 S., R.27 E., Hydrologic Unit 03090101, 10 ft (3 m) south of Lake Wilson Road, 0.6 mi (1.0 km) east of State Highway 545, and 1.6 mi (2.6 km) northwest of Loughman.

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 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 (31.79 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, 94.06 ft (28.67 m) NGVD, Aug. 5, 1982; lowest measured, 89.65 ft (27.32 m) NGVD, May 20, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
07...	1842	92.27	11...	1629	91.43
DEC			JUN		
09...	1240	91.61	10...	0922	91.67
FEB			AUG		
09...	1452	91.25	05...	1405	94.06
APR			SEP		
07...	1527	91.91	14...	0835	93.82

WATER RESOURCES DATA FOR FLORIDA, 1982
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KEY TO SITE LOCATIONS ON FIGURE 17

SARASOTA COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	265712082205701	282
1	265712082205702	282
2	265809082194001	283
3	265834082202401	284
3	265834082202402	284
4	270036082213401	285
4	270106082214101	285
5	270112082213301	286
5	270112082213302	286
6	270113082223302	287
6	270113082223303	287
6	270137082235301	288
6A	270240082235701	288
7	280542082261801	289
7A	270959082203001	290
7A	270959082203002	291
7A	270959082203003	292
7B	271021082151601	293
7B	271021082151602	294
7B	271021082151603	295
8	271118082285301	296
9	281134082092201	297
9	271134082092202	297
10	271601082330501	298
11	271619082240201	298
12	271938082251801	299
13	282020082194801	299
14	272049082324401	300
14	272053082320202	300
16	272106082321801	301
16	272119082325101	301
16	272120082322702	302
16A	272133082324701	302
17	272220082151401	303
18	272242082235501	303
19	272248082175201	304
20	272255082172202	304
20	272256082175901	305
21	272257082180202	305
21	272258082181701	306
22	272258082195301	307
22	272258082195302	307
23	272301082191401	308
25	272308082191801	308

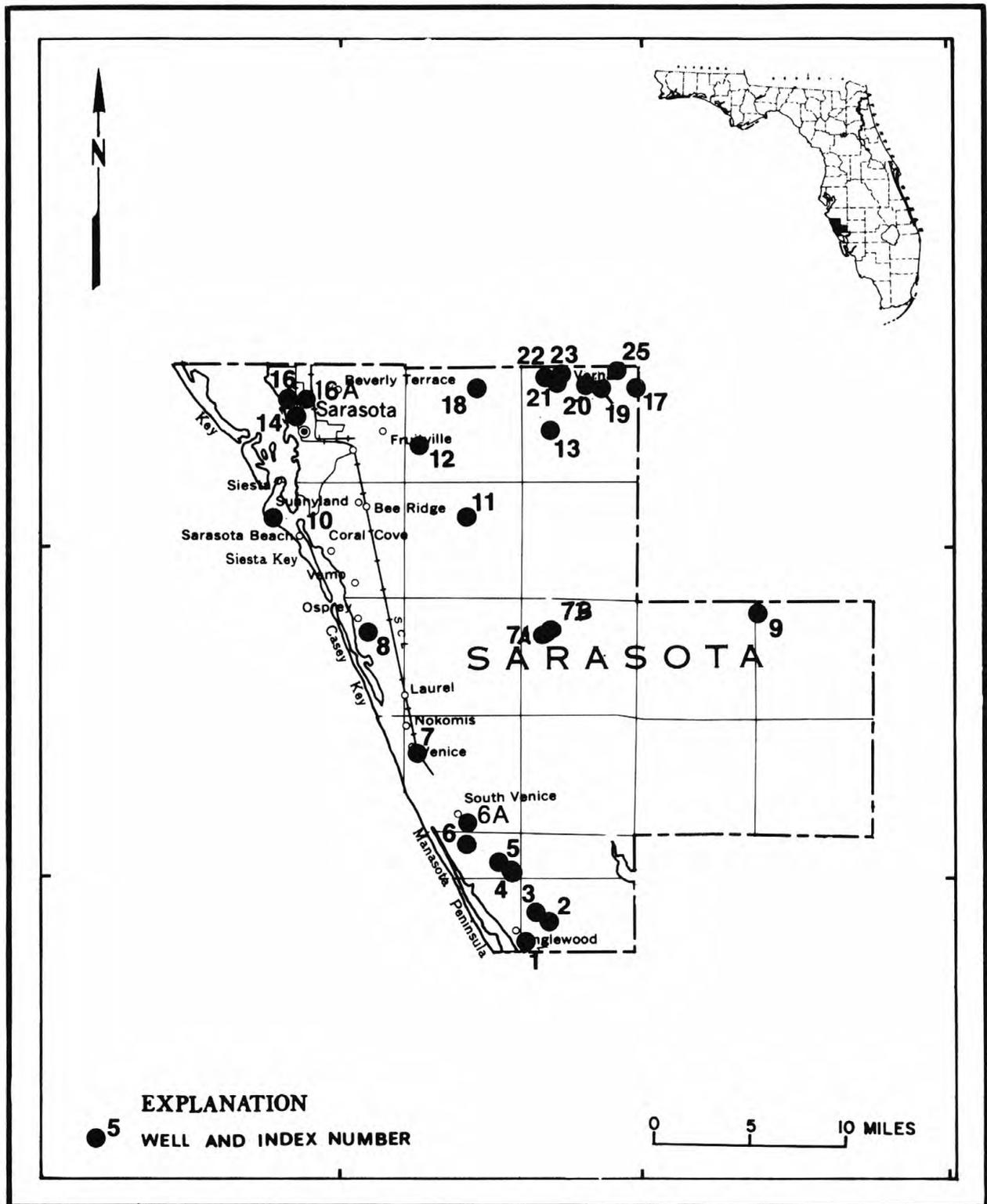


Figure 18. Location of wells in Sarasota County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.64 ft (2.94 m) NGVD, Aug. 19, 1982; lowest water level measured, 3.39 ft (1.03 m) below NGVD, Apr. 26, 1976.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.46	6.91	5.93	5.90	6.00	5.20	3.23	3.91	4.79	6.53	8.48	7.77
10	7.08	6.74	5.83	5.80	5.60	5.40	3.09	2.82	3.58	7.47	9.25	8.22
15	7.00	6.68	5.90	6.40	5.40	4.40	3.65	2.68	4.92	7.94	8.95	7.68
20	6.76	6.46	6.10	6.10	6.00	4.69	3.42	1.65	8.36	8.21	9.63	7.73
25	6.63	5.92	5.90	6.00	5.20	3.71	3.95	2.92	7.98	7.56	8.73	9.38
EOM	6.50	6.04	5.90	6.00	5.10	3.25	4.12	3.95	7.04	8.34	8.29	8.99
MEAN	6.84	6.47	5.93	6.02	5.59	4.35	3.48	3.18	5.90	7.69	8.77	8.44
MAX	7.63	6.99	6.14	6.40	6.00	5.70	4.75	4.18	8.41	8.68	9.64	9.63
MIN	5.95	5.92	5.67	5.00	5.04	1.16	1.53	1.59	3.19	6.05	8.27	7.68
WTR YR 1982	MEAN	6.06	MAX	9.64	AUG 19	MIN	1.16	MAR 22				

NOTE.--Record estimated Dec. 12 to Mar. 17.

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.--Tape measured. Measuring point: Top of shelter floor, 2.47 ft (0.75 m) above land-surface datum. Prior to Mar. 20, 1980, top of recorder shelter floor, 2.50 ft (0.76 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.--Water levels affected by pumping of nearby public supply wells. Extremes may have been exceeded during periods of missing record.

PERIOD OF RECORD.--May 1974 to September 1981, incomplete; October 1981 to September 1982 (bimonthly), 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			MAR		
01...	1018	8.93	18...	1157	6.18
JAN			JUN		
07...	1330	6.33	15...	0946	7.29

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 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, 12.30 ft (3.75 m) estimated, NGVD, Aug. 19, 1982; lowest, 2.85 ft (0.87 m) NGVD, May 5, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.48	7.91	6.86	6.47	6.60	6.21	6.20	6.68	7.92	9.00	10.90	10.30
10	8.16	7.81	6.78	6.47	6.40	6.81	5.97	6.40	7.54	9.60	11.80	11.00
15	7.95	7.62	6.63	7.07	6.35	6.66	6.30	6.09	7.14	11.20	11.40	10.50
20	7.70	7.37	6.63	7.09	6.52	6.47	6.08	5.90	10.40	10.60	12.20	10.60
25	7.56	7.12	6.52	7.00	6.40	6.26	6.01	5.79	10.00	10.30	11.40	12.00
EOM	7.36	7.00	6.51	6.73	6.31	6.31	7.04	6.20	9.30	11.20	10.60	11.20
MEAN	7.94	7.49	6.69	6.75	6.46	6.46	6.29	6.24	8.60	10.12	11.38	11.02
MAX	8.49	8.02	7.02	7.09	6.66	6.81	7.04	7.03	10.60	11.30	12.30	12.00
MIN	7.36	7.00	6.50	6.43	6.31	6.20	5.92	5.76	6.36	9.00	10.60	10.30
WTR YR 1982 MEAN		7.96		MAX	12.30	AUG 19	MIN	5.76	MAY 26			

NOTE.--Record estimated June 17 to Sept. 30.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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) 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.11	4.51	3.73	3.21	3.17	2.89	2.84	3.23	4.99	5.92	7.84	7.15
10	4.91	4.48	3.64	3.23	3.08	3.34	2.78	3.04	4.60	6.41	8.73	7.59
15	4.78	4.29	3.60	3.44	3.03	3.30	2.83	2.80	4.21	7.93	8.36	7.06
20	4.57	4.16	3.52	3.47	3.08	3.28	2.68	2.57	7.45	7.55	9.21	6.94
25	4.46	4.01	3.42	3.45	2.96	3.07	2.67	2.51	6.98	6.92	8.22	8.67
EOM	4.20	3.88	3.27	3.29	2.91	2.98	3.20	2.82	6.23	7.99	7.56	8.34
MEAN	4.72	4.23	3.57	3.35	3.07	3.13	2.81	2.82	5.60	6.97	8.29	7.74
MAX	5.25	4.56	3.86	3.49	3.26	3.34	3.20	3.23	7.63	8.25	9.23	9.04
MIN	4.20	3.87	3.27	3.20	2.91	2.87	2.48	2.51	3.04	5.84	7.56	6.94
WTR YR 1982	MEAN	4.70	MAX	9.23	AUG 19	MIN	2.48	APR 23				

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 4 in (10 cm) male adapter, 0.17 ft (0.05 m) above land-surface datum. Prior to Sept. 7, 1979, top of casing, 3.0 ft (0.9 m) above land-surface datum; Sept. 7, 1979, to May 6, 1980, top of broken casing, 0.7 ft (0.2 m) above land-surface datum; May 6, 1980, to July 30, 1980, top of broken casing, 0.3 ft (0.1 m) above land-surface datum; July 30, 1980, to Apr. 24, 1981, top of broken casing, at land-surface datum; Apr. 24, 1981, to Sept. 24, 1981, top of shelter floor, 1.27 ft (0.39 m) above land-surface datum.

DATUM.--Land-surface datum is 10.60 ft (3.23 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980, land-surface datum was considered to be 10 ft (3.0 m), from topographic map. See PERIOD OF RECORD.

PERIOD OF RECORD.--October 1977 to current year (bimonthly), incomplete. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1980, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +0.60 ft (0.18 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.65 ft (2.03 m) NGVD, Oct. 2, 1978; lowest measured, 1.42 ft (0.43 m) NGVD, July 30, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEVATION ABOVE NGVD (FEET) (72020)
OCT			JUN		
01...	0926	6.00	15...	0837	5.11
JAN			AUG		
07...	1153	3.93	30...	1440	8.85
MAR					
18...	1330	3.93			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 15.93 ft (4.86 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1979, 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.

PERIOD OF RECORD.--August 1978 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey. The figures of water level as elevation in feet, NGVD prior to Oct. 1, 1979, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +3.93 ft (1.20 m). Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.49 ft (4.11 m) NGVD, Sept. 22, Oct. 1, 1979; lowest, 6.44 ft (1.96 m) NGVD, Apr. 23, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.78	9.98	9.19	8.75	8.26	7.83	8.37	7.87	9.50	11.15	12.56	11.08
10	10.29	9.98	9.04	8.48	8.21	9.12	8.02	7.61	8.62	11.66	12.75	11.93
15	10.54	9.77	9.02	8.88	8.20	8.72	7.81	7.25	8.15	12.29	12.34	11.36
20	10.26	9.54	9.00	8.90	8.60	8.27	7.72	6.73	12.20	11.92	13.09	11.26
25	10.03	9.19	8.85	8.89	8.03	8.04	7.84	7.10	12.05	11.43	12.04	13.30
EOM	9.45	9.07	8.66	8.52	8.06	8.77	8.11	7.59	11.24	11.70	11.36	12.70
MEAN	10.29	9.60	8.99	8.69	8.27	8.43	7.96	7.26	10.12	11.64	12.31	11.96
MAX	11.10	10.16	9.43	9.02	8.61	9.18	8.62	8.05	12.20	12.65	13.12	13.38
MIN	9.45	9.07	8.66	8.38	7.89	7.66	7.01	6.50	7.79	10.99	11.36	11.06
WTR YR 1982	MEAN	9.63	MAX	13.38	SEP 26	MIN	6.50	MAY 14				

WELL NUMBER.--270106082214101. Englewood Deep Zone Well 3 near Englewood, FL.

LOCATION.--Lat 27°01'06", long 82°21'41", in NE¼NW¼ sec.12, T.40 S., R.19 E., Hydrologic Unit 03100201, 2.2 mi (3.5 km) south of U. S. Highway 41, 2.6 mi (4.2 km) east of State Highway 775, and 3.9 mi (6.3 km) north of Englewood.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 135 ft (41 m), cased to 109 ft (33 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 14.36 ft (4.38 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--September 1979 to current year. Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 15.39 ft (4.69 m) NGVD, Sept. 30, 1979; lowest, 12.43 ft (3.79 m) NGVD, May 23, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.13	13.90	13.66	13.52	13.43	13.25	13.39	13.22	13.08	13.67	14.01	14.08
10	14.09	13.87	13.67	13.52	13.43	13.42	13.24	13.14	12.99	13.69	14.16	13.44
15	14.03	13.87	13.68	13.59	13.32	13.39	13.33	12.61	12.86	13.90	14.29	13.08
20	13.88	13.91	13.58	13.58	13.39	13.33	13.27	12.49	13.52	14.07	14.45	13.10
25	13.93	13.88	13.57	13.54	13.24	13.30	13.16	12.49	13.70	13.91	14.34	13.47
EOM	13.79	13.82	13.55	13.50	13.26	13.28	13.30	12.67	13.73	13.81	14.16	12.90
MEAN	14.02	13.86	13.64	13.54	13.37	13.32	13.28	12.79	13.27	13.83	14.21	13.44
MAX	14.28	13.93	13.80	13.79	13.48	13.46	13.39	13.27	13.77	14.12	14.45	14.17
MIN	13.79	13.77	13.53	13.43	13.24	13.19	13.11	12.43	12.78	13.60	13.87	12.90
WTR YR 1982	MEAN	13.55	MAX	14.45	AUG 20 AND OTHERS	MIN	12.43	MAY 23				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

WELL NUMBER.--270112082213301. Englewood Production Zone Well 8 near Englewood, FL.

LOCATION.--Lat 27°01'12", long 82°21'33", in NW¼NE¼ sec.12, T.40 S., R.19 E., Hydrologic Unit 03100201, 2.0 mi (3.2 km) east of State Highway 775, 2.2 mi (3.5 km) south of U. S. Highway 41, and 3.9 mi (6.3 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 58 ft (18 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.29 ft (0.70 m) above land-surface datum.

DATUM.--Land-surface datum is 14.20 ft (4.33 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--August 1979 to current year. Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.33 ft (4.06 m) NGVD, Sept. 15, 16, 1979; lowest, 10.76 ft (3.28 m) below NGVD, May 14, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.89	8.91	7.60	6.45	5.49	4.40	1.90	3.56	5.01	7.32	9.72	8.80
10	9.14	8.58	7.50	6.23	5.17	4.78	3.97	2.95	2.29	8.19	10.20	9.48
15	9.52	8.35	7.40	6.40	4.36	3.25	3.12	3.19	3.35	8.46	10.10	8.45
20	9.17	7.65	7.50	6.19	5.40	3.87	3.67	.63	9.06	9.41	10.72	8.69
25	8.93	7.56	7.20	4.45	4.70	3.76	4.14	2.82	9.04	8.85	9.55	11.64
EOM	8.16	7.50	7.10	5.73	4.68	5.19	3.53	3.37	7.45	8.58	8.71	10.40
MEAN	9.17	8.14	7.45	6.11	5.07	3.88	2.69	2.16	5.77	8.56	9.69	9.56
MAX	10.37	8.91	7.90	7.00	5.67	5.37	4.79	3.95	9.06	10.43	11.12	11.88
MIN	8.03	7.50	7.10	4.45	4.36	-6.13	-7.19	-10.76	1.89	7.32	8.71	7.51
WTR YR 1982	MEAN	6.53	MAX	11.88	SEP 26	MIN	-10.76	MAY 14				

NOTE.--Record estimated Nov. 26 to Jan. 4, Sept. 28-30.

WELL NUMBER.--270112082213302. Englewood Water Table Well 8A near Englewood, FL.

LOCATION.--Lat 27°01'12", long 82°21'33", in NW¼NE¼ sec.12, T.40 S., R.19 E., Hydrologic Unit 03100201, 2.0 mi (3.2 km) east of State Highway 775, 2.2 mi (3.5 km) south of U. S. Highway 41, and 3.9 mi (6.3 km) north of Englewood.

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 16 ft (5 m), cased to 16 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.08 ft (0.94 m) above land-surface datum.

DATUM.--Land-surface datum is 14.19 ft (4.33 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.59 ft (4.14 m) NGVD, Sept. 8, 1981; lowest, 2.25 ft (0.69 m) NGVD, Apr. 10, 11, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.21	9.50	8.30	7.02	6.05	5.34	4.41	2.73	6.57	7.01	7.30	5.60
10	10.87	9.28	8.08	6.85	5.93	5.38	2.25	2.70	5.63	7.47	7.50	6.40
15	10.73	9.09	7.85	6.68	5.81	5.39	3.61	2.57	5.10	7.50	7.10	5.70
20	10.29	8.88	7.66	6.49	5.68	5.22	3.77	2.33	8.37	7.50	7.70	6.20
25	9.96	8.69	7.45	6.34	5.56	5.11	4.09	4.40	7.93	6.40	6.70	8.40
EOM	9.61	8.48	7.22	6.19	5.48	5.05	2.96	5.20	7.50	6.50	5.90	8.00
MEAN	10.57	9.06	7.83	6.65	5.82	5.26	3.66	3.21	6.79	7.15	7.05	6.65
MAX	11.53	9.57	8.45	7.18	6.16	5.45	4.51	5.20	8.37	8.05	7.70	8.50
MIN	9.61	8.48	7.22	6.19	5.48	5.04	2.25	2.27	5.10	6.10	5.90	5.60
WTR YR 1982	MEAN	6.65	MAX	11.53	OCT 1	MIN	2.25	APR 10 AND OTHERS				

NOTE.--Record estimated May 1 to June 30, July 15 to Sept. 30.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

WELL NUMBER.--270113082223302. Englewood Production Zone Well 5 near Englewood, FL.

LOCATION.--Lat 27°01'13", long 82°22'33", in NW¼NE¼ sec.11, T.40 S., R.19 E., Hydrologic Unit 03100201, 0.9 mi (1.4 km) east of State Highway 775, 2.0 mi (3.2 km) south of U. S. Highway 41, and 3.9 mi (6.3 km) north of Englewood.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 70 ft (21 m), cased to 40 ft (12 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 3.27 ft (1.00 m) above land-surface datum.

DATUM.--Land-surface datum is 13.88 ft (4.23 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

PERIOD OF RECORD.--August 1979 to current year. Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 12.06 ft (3.68 m) NGVD, Sept. 26, 1982; lowest, 4.63 ft (1.41 m) NGVD, Apr. 24, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.76	7.08	6.53	6.58	6.40	6.80	6.84	6.64	8.08	9.91	10.88	10.04
10	7.13	7.19	6.45	6.42	6.50	7.30	6.73	6.44	7.46	10.19	11.17	10.93
15	7.56	7.07	6.46	6.83	6.80	7.20	6.76	6.03	7.06	10.83	10.93	10.53
20	7.26	7.03	6.44	6.91	7.10	6.88	6.43	5.76	10.43	10.74	11.63	10.57
25	6.97	6.76	6.42	6.90	6.80	6.83	6.50	6.22	10.50	10.25	10.96	11.97
EOM	6.68	6.80	6.48	6.90	7.00	7.35	6.92	6.51	9.99	10.07	10.35	11.64
MEAN	7.27	7.00	6.48	6.66	6.79	6.97	6.74	6.20	8.74	10.35	10.95	10.95
MAX	7.95	7.34	6.90	6.99	7.40	7.60	7.24	6.74	10.50	11.07	11.63	12.06
MIN	6.62	6.69	6.32	6.28	6.30	6.50	6.22	5.63	6.69	9.81	10.35	10.04
WTR YR 1982	MEAN	7.93	MAX	12.06	SEP 26	MIN	5.63	MAY 19				

NOTE.--Record estimated Jan. 1-5, Jan. 25 to Mar. 18.

WELL NUMBER.--270113082223303. Englewood Water Table Well 5 near Englewood, FL.

LOCATION.--Lat 27°01'13", long 82°22'33", in NW¼NE¼ sec.11, T.40 S., R.19 E., Hydrologic Unit 03100201, 1.0 mi (1.6 km) east of State Highway 775, 2.0 mi (3.2 km) south of U. S. Highway 41, and 3.9 mi (6.3 km) north of Englewood.

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 15 ft (5 m), cased to 10 ft (3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.99 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 14.34 ft (4.37 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.50 ft (4.42 m) estimated, NGVD, Sept. 25, 1982; lowest, 8.68 ft (2.65 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.81	11.56	10.40	10.58	10.00	10.50	10.30	9.68	10.98	12.23	13.20	12.00
10	11.38	11.26	10.30	10.39	10.00	11.30	10.05	9.50	10.53	13.47	13.40	12.40
15	11.73	10.85	10.65	11.00	10.60	10.80	10.30	9.32	10.16	13.54	13.00	11.80
20	11.25	10.64	10.73	10.50	10.50	10.46	9.95	9.15	13.63	13.13	13.50	12.50
25	11.06	10.52	10.55	10.40	10.60	10.26	9.74	9.33	13.20	12.50	12.90	14.50
EOM	10.83	10.39	10.40	10.10	10.60	10.73	10.07	9.11	12.39	12.40	12.00	14.00
MEAN	11.44	10.86	10.50	10.48	10.36	10.65	10.18	9.40	11.74	12.92	13.04	12.74
MAX	12.47	11.56	10.73	11.02	10.70	11.30	10.65	9.97	13.63	13.67	13.50	14.50
MIN	10.83	10.39	10.28	10.10	10.00	10.16	9.74	9.08	9.51	12.23	12.00	11.70
WTR YR 1982	MEAN	11.20	MAX	14.50	SEP 25	MIN	9.08	MAY 22				

NOTE.--Record estimated Jan. 15 to Mar. 18, July 24 to Sept. 30.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

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 HTRN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 305 ft (93 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, 19.07 ft (5.81 m) NGVD, May 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.91	20.58	20.45	20.18	20.14	20.12	20.38	20.14	20.57	20.70	21.15	21.17
10	20.77	20.56	20.46	20.19	20.12	20.14	20.20	20.20	20.41	20.60	21.20	21.33
15	20.59	20.58	20.46	20.26	19.95	20.09	20.12	20.03	20.37	20.90	21.39	21.31
20	20.52	20.78	20.17	20.06	20.07	20.21	20.01	19.98	20.90	21.10	21.36	21.36
25	20.62	20.71	20.25	20.04	20.01	20.24	20.07	20.07	20.90	21.05	21.28	21.58
EOM	20.47	20.59	20.25	20.10	20.12	20.12	20.26	20.21	20.70	21.00	21.15	21.57
MEAN	20.70	20.60	20.35	20.14	20.08	20.16	20.16	20.08	20.63	20.86	21.26	21.39
MAX	21.07	20.78	20.64	20.48	20.19	20.33	20.38	20.21	20.90	21.12	21.43	21.72
MIN	20.47	20.36	20.17	19.96	19.95	20.05	19.97	19.93	20.31	20.40	21.08	21.17
WTR YR 1982	MEAN	20.54	MAX	21.72	SEP 26	MIN	19.93	MAY 19				

NOTE.--Record estimated June 16 to July 21.

WELL NUMBER.--270240082235701. ROMP TR 4-2 Suwannee Well near Venice, FL.

LOCATION.--Lat 27°02'40", long 82°23'57", in SW¼NW¼ sec.34, T.39 S., R.19 E., Hydrologic Unit 03100201, 0.2 mi (0.3 km) east of State Highway 775, and 4.7 mi (7.6 km) south of Venice.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 475 ft (145 m), cased to 460 ft (140 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 11.60 ft (3.54 m) above land-surface datum.

DATUM.--Land-surface datum is 15.69 ft (4.78 m) National Geodetic Vertical Datum of 1929 (levels by Southwest Florida Water Management District).

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 23.91 ft (7.29 m) NGVD, Sept. 26, 1982; lowest, 21.49 ft (6.55 m) NGVD, May 23, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	23.24	23.25	22.82	22.69	22.70	22.92	22.90	22.58	22.84	23.21	23.51	23.50
10	23.23	23.14	22.88	22.70	22.73	22.69	22.85	22.71	22.74	23.28	23.44	23.54
15	23.06	23.13	23.13	22.74	22.50	22.81	22.73	22.51	22.86	23.31	23.66	23.60
20	23.05	23.43	22.48	22.47	22.57	22.83	22.66	22.48	23.38	23.36	23.59	23.71
25	23.27	23.22	22.75	22.60	22.60	22.97	22.79	22.52	23.14	23.33	23.44	23.75
EOM	22.94	23.07	22.70	22.78	22.81	22.68	22.74	22.54	23.15	23.29	23.36	23.73
MEAN	23.20	23.15	22.84	22.63	22.66	22.82	22.76	22.55	23.00	23.28	23.52	23.63
MAX	23.45	23.43	23.20	23.12	22.83	23.22	22.95	22.79	23.66	23.38	23.74	23.91
MIN	22.94	22.82	22.48	22.44	22.39	22.58	22.56	22.44	22.61	23.12	23.36	23.44
WTR YR 1982	MEAN	23.00	MAX	23.91	SEP 26	MIN	22.39	FEB 14				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 3.17 ft (0.97 m) above land-surface datum. Prior to July 29, 1980, top of recorder shelter floor, 3.20 ft (0.98 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.75	5.79	4.71	5.14	4.33	4.64	4.82	4.69	5.26	6.59	6.30	6.60
10	5.47	5.23	4.33	5.02	4.47	5.17	5.28	4.39	4.17	6.30	7.49	7.50
15	5.41	5.24	5.19	5.28	4.73	5.02	5.15	4.09	4.31	6.66	7.69	7.20
20	5.18	5.44	5.26	4.77	5.01	4.46	4.62	3.58	6.90	6.61	8.33	7.30
25	5.61	5.19	5.04	4.99	4.70	4.73	5.33	4.37	6.91	6.28	7.43	8.50
EOM	5.37	4.59	4.96	4.95	5.00	5.30	5.45	4.50	6.24	5.84	6.86	8.20
MEAN	5.43	5.29	4.92	4.98	4.78	4.84	5.08	4.38	5.57	6.37	7.26	7.50
MAX	6.01	5.79	5.44	5.41	5.35	5.48	5.78	5.32	6.95	7.04	8.33	8.50
MIN	4.95	4.59	4.32	4.65	4.30	4.30	4.34	3.30	4.09	5.84	6.04	6.60
WTR YR 1982	MEAN	5.53	MAX	8.50	SEP 24	AND OTHERS	MIN	3.30	MAY 21			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

WELL NUMBER.--270959082203001. ROMP 19 WLAM Well near Sarasota, FL.

LOCATION.--Lat 27°09'59", long 82°20'30", in SW¼SE¼ sec.18, T.38 S., R.20 E., Hydrologic Unit 03100102, 5.2 mi (8.4 km) south of State Highway 72, and 15.5 mi (24.9 km) southeast of Sarasota.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 425 ft (130 m), cased to 410 ft (125 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 12.47 ft (3.80 m) above land-surface datum.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 32.40 ft (9.88 m) estimated, NGVD, Sept. 26-30, 1982; lowest, 26.74 ft (8.15 m) NGVD, May 15, 1982.

ELEVATION (FEET NGVD), JULY TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5										28.10	30.40	32.10
10										28.72	30.70	32.30
15										29.06	31.10	32.35
20										29.20	31.20	32.30
25										29.50	31.40	32.20
EOM										29.90	31.80	32.10
MEAN										28.96	31.01	32.20
MAX										29.90	31.80	32.35
MIN										27.70	30.10	31.80
WTR YR 1981	MEAN	30.71	MAX	32.35	SEP 15	MIN	27.70	JUL 1				

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	31.47	29.51	29.12	29.02	28.86	28.73	28.79	28.00	27.82	30.78	32.30	31.70
10	31.26	29.41	29.14	29.12	28.72	28.64	28.81	27.99	28.27	31.17	32.30	31.80
15	30.92	29.47	29.13	29.15	28.33	28.93	28.71	27.67	28.76	31.47	32.00	31.70
20	30.41	29.62	28.80	29.11	28.34	29.02	28.59	27.15	29.62	31.77	32.20	31.90
25	30.13	29.61	28.91	29.15	28.45	28.89	28.13	26.79	29.98	31.96	32.20	32.30
EOM	29.63	29.48	29.02	29.04	28.53	28.45	28.00	27.04	30.43	32.20	32.00	32.40
MEAN	30.78	29.50	29.04	29.10	28.58	28.78	28.52	27.46	28.92	31.47	32.17	31.93
MAX	31.80	29.65	29.45	29.43	28.99	29.02	28.81	28.03	30.43	32.20	32.30	32.40
MIN	29.63	29.32	28.80	28.94	28.27	28.45	28.00	26.74	27.18	30.46	32.00	31.70
WTR YR 1982	MEAN	29.70	MAX	32.40	SEP 26 AND OTHERS	MIN	26.74	MAY 27				

NOTE.--Record estimated Oct. 1, July 29 to Sept. 30.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

WELL NUMBER.--270959082203002 ROMP 19 WUAM Well near Sarasota, FL.

LOCATION.--Lat 27°09'59", long 82°20'30", in SW¼SE¼ sec.18, T.38 S., R.20 E., Hydrologic Unit 03100102, 5.2 mi (8.4 km) south of State Highway 72, and 15.5 mi (24.9 km) southeast of Sarasota.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 18 in (46 cm), depth 205 ft (62 m), cased to 87 ft (27 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of 4 in (10 cm) casing, 12.47 ft (3.80 m) above land-surface datum.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 18.70 ft (5.70 m) estimated, NGVD, Aug. 6-10, 1982; lowest, 14.00 ft (4.27 m) estimated, NGVD, July 1, 1981.

ELEVATION (FEET NGVD), JULY TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5									14.40	15.57	17.00	
10									14.75	15.74	17.10	
15									14.93	15.98	17.20	
20									14.99	16.19	17.30	
25									15.09	16.44	17.36	
EOM									15.25	16.84	17.37	
MEAN									14.31	16.06	17.18	
MAX									15.25	16.84	17.38	
MIN									14.00	15.29	16.90	
WTR YR 1981	MEAN	16.01		MAX	17.38	SEP 29	MIN	14.00	JUL 1			

NOTE.--Record estimated July 1-7, Sept. 1-23.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.30	16.61	16.68	16.70	16.50	16.34	16.67	16.18	15.97	17.00	18.70	18.00
10	17.31	16.65	16.81	16.70	16.18	16.38	16.70	16.08	16.13	17.30	18.70	18.00
15	17.30	16.76	16.86	16.39	16.10	16.46	16.68	16.07	16.21	17.50	18.50	18.00
20	16.90	16.86	16.71	16.42	16.29	16.48	16.66	15.89	16.68	17.80	18.40	18.00
25	16.99	16.89	16.80	16.52	16.26	16.52	16.33	15.34	16.86	18.20	18.40	18.34
EOM	17.00	16.87	16.78	16.56	16.27	16.54	16.16	15.52	16.95	18.40	18.20	18.47
MEAN	17.18	16.77	16.77	16.55	16.30	16.44	16.55	15.85	16.39	17.61	18.50	18.11
MAX	17.41	16.96	16.86	16.76	16.56	16.60	16.70	16.23	16.95	18.40	18.70	18.50
MIN	16.87	16.52	16.68	16.36	16.07	16.26	16.16	15.34	15.67	16.94	18.20	18.00
WTR YR 1982	MEAN	16.92		MAX	18.70	AUG 5	AND OTHERS	MIN	15.34	MAY 24	AND OTHERS	

NOTE.--Record estimated July 7 to Sept. 24.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

WELL NUMBER.--270959082203003. ROMP 19 WS Well near Sarasota, FL.

LOCATION.--Lat 27°09'59", long 82°20'30", in SW¼SE¼ sec.18, T.38 S., R.20 E., Hydrologic Unit 03100102, 5.2 mi (8.4 km) south of State Highway 72, and 15.5 mi (24.9 km) southeast of Sarasota.

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 67 ft (20 m), cased to 32 ft (10 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 2.90 ft (0.88 m) above land-surface datum.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.55 ft (5.96 m) NGVD, Aug. 21, 1981; lowest, 15.30 ft (4.66 m) NGVD, Feb. 15, 1982.

ELEVATION (FEET NGVD), JULY TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5										16.10	18.64	18.52
10										16.56	18.24	18.13
15										16.74	18.93	17.68
20										16.18	19.16	17.47
25										16.05	19.11	17.30
EOM										16.46	19.29	16.97
MEAN										16.24	18.75	17.89
MAX										16.74	19.55	19.20
MIN										15.74	16.42	16.97
WTR YR 1981	MEAN	17.62	MAX	19.55	AUG 21	MIN	15.74	JUL 29				

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.72	17.23	16.26	15.73	15.33	15.52	17.03	16.94	18.96	17.51	18.50	18.77
10	16.45	16.90	15.94	15.52	15.50	16.77	18.00	16.52	17.84	18.75	19.27	19.24
15	16.21	16.61	15.99	16.22	15.30	16.65	17.69	16.14	17.45	18.64	18.97	19.02
20	15.97	16.43	15.92	16.00	16.25	16.21	17.03	15.84	19.29	18.75	19.43	17.95
25	15.78	16.22	15.76	15.77	15.89	16.16	17.47	17.08	19.02	19.08	18.31	19.24
EOM	15.74	16.06	15.67	15.46	15.73	17.78	17.62	18.05	17.92	19.23	18.21	19.07
MEAN	16.21	16.48	15.94	15.76	15.68	16.45	17.45	16.63	18.52	18.60	18.99	18.87
MAX	16.93	17.24	16.36	16.22	16.32	17.89	18.31	18.05	19.34	19.29	19.50	19.48
MIN	15.73	15.60	15.67	15.46	15.30	15.52	16.75	15.73	17.43	17.51	18.21	17.72
WTR YR 1982	MEAN	17.14	MAX	19.50	AUG 19	MIN	15.30	FEB 15				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

WELL NUMBER.--271021082151601. ROMP 19 ELAM Well near Sarasota, FL.

LOCATION.--Lat 27°10'21", long 82°15'16", in NE¼SE¼ sec.13, T.38 S., R.20 E., Hydrologic Unit 03100102, 2.5 mi (4.0 km) south of State Highway 72, and 19 mi (31 km) southeast of Sarasota.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 419 ft (128 m), cased to 80 ft (24 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 9.0 ft (2.7 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 31 ft (9.4 m), from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 40.00 ft (12.19 m) estimated, NGVD, Aug. 24-27, 1982; lowest, 33.29 ft (10.15 m) NGVD, May 27, 1982.

ELEVATION (FEET NGVD), JULY TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5										34.87	37.09	38.70
10										35.39	37.36	38.92
15										35.79	37.71	38.97
20										35.98	37.86	38.93
25										36.28	38.15	38.87
EOM										36.67	38.50	38.71
MEAN										35.70	37.70	38.85
MAX										36.67	38.50	38.99
MIN										34.40	36.76	38.57
WTR YR 1981	MEAN	37.40	MAX	38.99	SEP 14	MIN	34.40	JUL 1				

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	38.47	36.18	35.85	35.48	35.27	35.29	35.35	34.60	34.49	37.86	39.57	39.70
10	38.24	36.05	35.79	35.62	35.12	35.19	35.37	34.60	35.10	38.27	39.50	39.50
15	37.86	36.13	35.75	35.65	34.69	35.57	34.83	34.31	35.64	38.55	39.40	39.42
20	37.34	36.25	35.34	35.55	34.76	35.68	34.55	33.68	36.49	38.88	39.50	39.31
25	36.94	36.24	35.45	35.62	35.03	35.52	34.63	33.33	36.94	39.07	40.00	39.39
EOM	36.36	36.13	35.54	35.48	35.13	34.98	34.60	33.64	37.44	39.42	39.80	39.51
MEAN	37.69	36.15	35.64	35.58	35.02	35.37	34.90	34.05	35.77	38.56	39.65	39.47
MAX	38.71	36.29	36.09	35.94	35.45	35.68	35.39	34.60	37.44	39.42	40.00	39.80
MIN	36.36	35.95	35.34	35.45	34.66	34.98	34.54	33.29	33.82	37.50	39.40	39.26
WTR YR 1982	MEAN	36.50	MAX	40.00	AUG 24	AND OTHERS	MIN	33.29	MAY 27			

NOTE.--Record estimated Apr. 28 to May 11, Aug. 10 to Sept. 6.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

WELL NUMBER.--271021082151602. ROMP 19 EUAM Well near Sarasota, FL.

LOCATION.--Lat 27°10'21", long 82°15'16", in NE¼SE¼ sec.13, T.38 S., R.20 E., Hydrologic Unit 03100102, 2.5 mi (4.0 km) south of State Highway 72, and 19 mi (31 km) southeast of Sarasota.

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

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 18 in (46 cm), depth 121 ft (37 m), cased to 80 ft (24 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of 4 in (10 cm) casing, 8.8 ft (2.7 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 31 ft (9.4 m), from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 32.50 ft (9.91 m) estimated, NGVD, Aug. 21-24, 1982; lowest, 28.55 ft (8.70 m) NGVD, July 12, 13, 1981.

ELEVATION (FEET NGVD), JULY TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5										28.70	30.61	31.90
10										28.60	31.14	31.71
15										28.67	31.23	31.79
20										28.97	31.00	31.37
25										29.45	31.67	32.00
EOM										29.82	32.04	32.21
MEAN										28.98	31.20	31.82
MAX										29.82	32.04	32.21
MIN										28.55	29.87	31.35
WTR YR 1981	MEAN	30.65	MAX	32.21	SEP 30	MIN	28.55	JUL 12	AND OTHERS			

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
5	31.00	30.57	30.17	29.61	29.31	29.30	30.38	30.20	30.46	31.00	32.06	31.50	
10	30.77	30.78	30.07	29.62	29.35	30.05	30.24	29.89	30.44	31.65	32.00	31.60	
15	30.76	30.69	29.98	29.69	29.15	30.07	30.54	29.49	30.14	31.86	31.93	31.60	
20	30.51	30.50	29.87	29.77	29.52	29.88	30.25	29.15	31.06	31.98	32.40	31.37	
25	30.35	30.38	29.85	29.70	29.45	29.70	30.06	29.21	31.32	31.75	32.40	32.00	
EOM	30.31	30.21	29.74	29.49	29.42	30.28	30.47	29.57	31.31	31.87	31.90	32.21	
MEAN	30.68	30.52	29.98	29.66	29.37	29.79	30.32	29.64	30.70	31.66	32.10	31.71	
MAX	31.37	30.82	30.21	29.77	29.60	30.28	30.54	30.44	31.33	31.98	32.50	32.21	
MIN	30.16	30.19	29.74	29.49	29.15	29.30	29.95	29.00	29.76	31.00	31.87	31.35	
WTR YR 1982	MEAN	30.52	MAX	32.50	AUG 21 AND OTHERS			MIN	29.00	MAY 23			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

WELL NUMBER.--271021082151603. ROMP 19 ES Well near Sarasota, FL.

LOCATION.--Lat 27°10'21", long 82°15'16", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.13, T.38 S., R.20 E., Hydrologic Unit 03100102, 2.5 mi (4.0 km) south of State Highway 72, and 19 mi (31 km) southeast of Sarasota.

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 34.5 ft (10.5 m), cased to 14.5 ft (4.4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 3.31 ft (1.01 m) above land-surface datum.

DATUM.--Altitude of land-surface datum is 31 ft (9.4 m), from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 31.77 ft (9.68 m) NGVD, Sept. 29, 1982; lowest, 27.23 ft (8.30 m) NGVD, July 13, 1981.

ELEVATION (FEET NGVD), JULY TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5										27.79	30.69	30.62
10										27.48	30.71	30.81
15										28.03	30.15	30.62
20										27.95	30.38	30.45
25										29.18	31.34	29.98
EOM										29.34	31.35	29.60
MEAN										28.14	30.69	30.47
MAX										29.37	31.42	31.24
MIN										27.23	29.38	29.60
WTR YR 1981	MEAN	29.76	MAX	31.42	AUG 28 AND OTHERS			MIN	27.23	JUL 13		

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	29.61	30.34	28.95	28.60	27.91	27.88	29.42	28.93	30.41	30.39	31.04	29.93
10	29.12	29.69	28.62	28.24	27.99	29.68	30.21	28.44	29.51	31.43	30.70	30.95
15	29.27	29.31	28.84	29.08	27.91	29.09	29.76	28.01	29.09	31.37	30.93	30.21
20	28.85	29.11	28.64	28.63	28.65	28.75	29.06	27.64	31.29	31.08	31.25	29.94
25	28.63	28.90	28.51	28.38	28.28	28.75	29.46	29.00	31.08	31.16	30.60	31.12
EOM	29.08	28.73	28.37	28.06	28.12	30.26	29.65	29.54	30.24	31.23	30.62	31.20
MEAN	29.11	29.30	28.67	28.47	28.21	29.08	29.61	28.49	30.33	30.95	30.94	30.64
MAX	29.74	30.34	29.21	29.10	28.88	30.52	30.52	29.54	31.29	31.56	31.32	31.77
MIN	28.56	28.73	28.37	28.06	27.81	27.88	28.74	27.52	29.04	29.87	30.50	29.81
WTR YR 1982	MEAN	29.49	MAX	31.77	SEP 29		MIN	27.52	MAY 22			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
5	15.05	14.34	14.22	14.26	14.41	13.90	14.58	14.02	13.94	15.19	15.76	15.77	
10	14.91	14.29	14.23	14.25	14.33	14.54	14.50	13.89	13.73	15.15	16.07	16.00	
15	14.53	14.34	14.13	14.23	13.76	14.46	14.57	13.38	13.53	15.08	16.31	15.90	
20	13.94	14.68	13.96	14.35	14.17	14.24	14.30	12.90	14.61	15.56	16.65	15.48	
25	13.99	14.48	13.97	14.43	13.99	14.14	14.19	13.00	15.06	15.41	16.61	16.35	
EOM	13.91	14.17	14.21	14.28	13.90	14.55	14.53	13.47	15.21	15.32	16.17	16.67	
MEAN	14.50	14.37	14.10	14.29	14.15	14.27	14.47	13.47	14.23	15.30	16.21	16.01	
MAX	15.31	14.68	14.27	14.43	14.52	14.55	14.75	14.37	15.25	15.57	16.72	16.67	
MIN	13.89	14.01	13.83	14.01	13.76	13.90	13.97	12.77	13.42	15.06	15.44	15.48	
WTR YR 1982	MEAN	14.62	MAX	16.72	AUG 22 AND OTHERS			MIN	12.77	MAY 22			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

WELL NUMBER.--271134082092201. Big Slough Deep Well near Arcadia, FL.

LOCATION.--Lat 27°11'34", long 82°09'22", in NE¼ 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) estimated, NGVD, Aug. 6, 7, 1978; lowest, 29.17 ft (8.89 m) NGVD, May 26, 31, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	34.30	33.45	32.75	32.21	31.94	32.11	32.67	32.78	33.32	34.08	34.78	34.36
10	34.20	33.39	32.70	32.16	31.91	32.23	32.69	32.66	33.41	34.30	34.69	34.30
15	34.02	33.28	32.63	32.14	31.80	32.37	32.75	32.43	33.33	34.54	34.52	34.26
20	33.77	33.15	32.44	32.11	32.01	32.37	32.72	32.15	34.02	34.72	34.60	34.38
25	33.55	33.02	32.40	32.14	32.06	32.36	32.67	32.36	34.00	34.70	34.72	34.65
EOM	33.42	32.88	32.33	32.07	32.08	32.46	32.80	32.80	34.15	34.73	34.58	34.97
MEAN	33.94	33.22	32.57	32.15	31.96	32.29	32.69	32.53	33.63	34.47	34.66	34.45
MAX	34.50	33.45	32.86	32.33	32.08	32.46	32.80	32.82	34.15	34.73	34.79	34.97
MIN	33.42	32.87	32.33	32.05	31.80	32.07	32.50	32.09	33.01	34.08	34.47	34.16
WTR YR 1982	MEAN	33.22	MAX	34.97	SEP 30	MIN	31.80	FEB 14	AND OTHERS			

WELL NUMBER.--271134082092202. Big Slough Shallow Well near Arcadia, FL.

LOCATION.--Lat 27°11'34", long 82°09'22", in NE¼ 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, 33.99 ft (10.36 m) NGVD, Sept. 9, 1981; lowest, 26.37 ft (8.04 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	30.68	29.82	28.81	28.41	28.13	28.54	29.68	29.45	32.18	30.91	31.60	30.00
10	30.37	29.52	28.66	28.33	28.21	29.30	29.44	29.06	31.05	31.76	31.80	30.80
15	29.94	29.29	28.62	28.51	28.16	29.16	29.47	28.69	30.31	31.74	31.40	30.30
20	29.58	29.06	28.64	28.50	28.81	28.82	29.09	28.37	33.58	31.67	32.00	30.40
25	29.31	28.92	28.52	28.40	28.70	28.56	29.32	30.34	32.87	30.70	31.18	33.00
EOM	29.75	28.79	28.47	28.21	28.64	29.98	29.73	30.69	32.15	30.90	30.32	32.53
MEAN	29.92	29.29	28.63	28.40	28.41	28.97	29.50	29.36	32.00	31.34	31.36	31.11
MAX	30.68	29.82	28.82	28.54	28.82	29.98	30.01	30.71	33.58	31.87	32.10	33.30
MIN	29.22	28.79	28.47	28.21	28.13	28.51	28.88	28.27	30.21	30.40	30.32	29.87
WTR YR 1982	MEAN	29.86	MAX	33.58	JUN 20	MIN	28.13	FEB 5				

NOTE.--Record estimated July 22 to Aug. 25, Sept. 5-29.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

WELL NUMBER.--271601082330501. ROMP TR 6-1 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 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.68 ft (3.56 m) NGVD, Oct. 1, 1979; lowest, 4.90 ft (1.49 m) NGVD, May 21, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.74	9.02	8.39	9.24	8.52	8.25	7.86	6.87	8.69	7.88	8.49	7.21
10	7.44	9.28	7.86	8.70	9.03	10.56	8.58	5.99	7.24	7.43	8.11	9.65
15	7.16	8.85	8.57	9.78	8.27	9.75	7.69	5.40	6.10	7.88	8.56	8.51
20	6.65	8.95	8.01	8.65	9.43	9.04	6.60	5.02	8.52	8.91	10.02	8.22
25	7.24	8.24	8.97	8.88	8.21	8.79	8.23	6.80	9.26	8.09	8.48	9.84
EOM	7.17	7.93	9.60	8.74	8.64	9.14	8.14	7.87	8.04	7.53	7.75	9.79
MEAN	7.34	8.63	8.58	9.00	8.76	9.08	7.85	6.32	7.98	8.01	8.71	8.88
MAX	8.74	9.29	9.60	10.05	9.62	10.58	8.97	7.87	9.79	9.15	10.12	10.04
MIN	6.44	7.13	7.86	8.35	8.18	7.37	6.18	4.90	6.10	7.00	7.75	6.95
WTR YR 1982	MEAN	8.26	MAX	10.58	MAR 11	MIN	4.90	MAY 21				

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) 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). 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) below NGVD, May 5, 1976.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.04	17.83	18.16	18.68	15.24	16.27	18.31	16.72	17.50	20.76	22.52	21.78
10	19.37	18.51	17.19	17.82	16.07	18.24	18.07	16.04	17.01	21.18	22.72	22.41
15	18.55	18.82	16.98	17.82	15.53	18.49	18.59	14.74	16.91	21.76	22.83	22.66
20	17.86	18.23	15.41	18.67	17.66	17.99	17.50	13.23	19.21	22.24	23.35	22.26
25	16.71	18.40	16.42	17.78	17.78	16.70	16.15	14.48	20.25	22.33	23.28	22.75
EOM	17.03	18.27	18.20	15.57	17.47	18.00	17.78	16.15	20.73	22.48	22.42	23.17
MEAN	18.41	18.30	17.15	17.76	16.52	17.50	17.77	15.28	18.42	21.71	22.88	22.50
MAX	20.68	18.95	18.33	18.82	17.93	18.57	18.68	17.82	20.73	22.48	23.37	23.17
MIN	16.52	17.14	15.41	15.57	15.19	16.15	16.07	12.40	16.54	20.67	22.42	21.78
WTR YR 1982	MEAN	18.69	MAX	23.37	AUG 22	MIN	12.40	MAY 22				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 December 1931 (weekly); January 1932 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 water level measured, 38.76 ft (11.81 m) NGVD, Mar. 7, 1931; lowest daily maximum water level, 4.78 ft (1.46 m) NGVD, May 3, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.84	21.21	20.96	23.04	20.96	20.49	21.20	19.45	21.32	25.92	27.79	26.56
10	23.80	21.91	19.96	21.90	21.48	22.12	21.25	18.39	21.98	26.36	27.77	26.70
15	22.07	20.88	21.17	23.21	20.00	22.12	21.49	16.39	22.39	26.78	28.00	27.01
20	21.01	22.12	20.02	23.20	21.60	20.47	19.59	14.90	24.15	27.15	28.24	26.54
25	20.56	21.56	21.42	22.02	20.90	20.47	18.33	16.02	25.18	27.37	28.13	26.83
EOM	20.52	20.36	22.74	21.92	21.40	21.31	19.85	18.97	25.63	27.58	27.13	27.34
MEAN	22.40	21.39	21.00	22.47	21.19	21.09	20.31	17.33	23.05	26.75	27.89	26.83
MAX	25.68	22.47	22.74	23.38	22.24	22.35	21.61	19.81	25.63	27.58	28.27	27.34
MIN	19.69	19.62	19.74	21.75	20.00	19.74	17.84	14.20	19.52	25.58	27.13	26.41
WTR YR 1982	MEAN	22.65	MAX	28.27	AUG 23	MIN	14.20	MAY 22				

WELL NUMBER.--272020082194801. Verna T Well 0-4 near Verna, FL.

LOCATION.--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, 3.02 ft (0.92 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	23.48	18.48	18.23	19.83	18.41	17.62	17.90	15.71	16.92	24.40	26.80	25.40
10	22.83	18.75	18.74	20.06	17.66	18.17	17.34	15.21	18.59	25.12	26.50	25.40
15	21.62	19.17	18.49	19.83	16.84	18.80	17.44	14.01	19.88	25.74	27.00	25.80
20	20.48	19.13	18.60	19.92	17.40	18.23	16.49	12.57	21.34	26.30	27.60	25.14
25	19.34	19.10	18.55	19.47	17.87	17.26	14.63	12.46	22.59	26.70	27.80	25.94
EOM	18.55	18.56	19.41	18.88	17.94	17.20	15.43	14.59	23.64	26.60	27.10	26.38
MEAN	21.38	18.86	18.60	19.72	17.72	17.87	16.69	14.11	19.93	25.65	27.15	25.68
MAX	24.25	19.18	19.41	20.14	18.74	18.80	17.94	15.71	23.64	26.70	27.86	26.80
MIN	18.55	18.38	18.13	18.88	16.82	16.84	14.63	11.93	15.14	23.77	26.50	24.80
WTR YR 1982	MEAN	20.30	MAX	27.86	AUG 26	MIN	11.93	MAY 23				

NOTE.--Record estimated July 23 to Sept. 15.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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).

REMARKS.--Water levels affected by pumping of nearby public supply wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.31 ft (5.89 m) NGVD, Sept. 30, 1979; lowest, 9.92 ft (3.02 m) NGVD, May 21, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.64	15.95	15.83	16.73	16.41	16.24	16.36	13.72	15.30	14.75	15.17	13.27
10	16.82	16.32	16.09	16.92	16.41	16.42	16.09	14.30	14.87	14.43	14.11	14.30
15	16.30	16.57	16.25	16.85	16.10	16.44	15.85	10.74	11.58	14.59	14.57	13.84
20	15.76	16.42	15.86	16.88	16.40	16.35	14.96	10.60	12.66	15.24	15.22	13.56
25	15.78	16.43	16.37	16.94	16.21	15.89	15.03	10.53	13.20	14.88	14.62	14.25
EOM	15.18	16.26	16.70	16.77	16.41	16.20	14.51	14.07	14.40	14.63	13.75	14.34
MEAN	16.41	16.24	16.15	16.89	16.33	16.25	15.59	12.21	13.55	14.77	14.56	13.86
MAX	17.80	16.71	16.70	17.39	16.66	16.71	16.36	14.96	15.42	15.39	15.22	14.54
MIN	15.18	15.41	15.09	16.52	16.10	15.72	14.51	9.92	11.58	14.17	13.75	13.27
WTR YR 1982	MEAN	15.23	MAX	17.80	OCT 3	MIN	9.92	MAY 21				

WELL NUMBER.--272053082320202. City of Sarasota Injection Monitor Well 2 at Sarasota, FL.

LOCATION (corrected).--Lat 27°20'53", long 82°32'05", in SE¼SE¼ sec.18, T.36 S., R.18 E., Hydrologic Unit 03100201, at city of Sarasota Sewage Treatment Plant, 0.25 mi (0.40 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 recorder shelter floor, 2.00 ft (0.61 m) above land-surface datum. Prior to Oct. 1, 1981, 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, 23.87 ft (7.28 m) NGVD, Oct. 2, 1979; lowest, 9.22 ft (2.81 m) NGVD, May 8, 1976.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	21.86	19.21	19.41	20.83	20.20	19.98	20.29	18.33	19.56	21.52	22.45	21.23
10	21.03	19.79	19.64	20.99	20.06	20.41	19.72	17.86	19.49	21.77	22.24	21.64
15	20.19	20.05	19.69	20.89	19.43	20.66	19.63	16.28	19.16	21.96	22.53	21.88
20	19.36	20.04	19.68	21.01	19.94	20.11	18.79	15.43	20.26	22.48	22.76	21.58
25	19.15	20.10	19.96	20.97	20.06	19.40	17.92	15.50	20.91	22.31	22.55	22.03
EOM	18.75	19.71	20.72	20.69	20.22	19.83	18.28	17.91	21.39	22.09	21.76	22.36
MEAN	20.26	19.74	19.81	20.91	20.02	20.05	19.21	16.82	19.89	21.98	22.43	21.72
MAX	22.17	20.21	20.72	21.30	20.62	20.66	20.29	18.68	21.39	22.48	22.80	22.36
MIN	18.75	18.88	19.41	20.62	19.43	19.25	17.80	14.93	18.28	21.25	21.76	21.12
WTR YR 1982	MEAN	20.24	MAX	22.80	AUG 21	MIN	14.93	MAY 22				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

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 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.99 ft (6.70 m) NGVD, Sept. 30, 1979; lowest, 11.00 ft (3.35 m) NGVD, May 23, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.03	18.05	18.15	19.09	18.60	18.59	18.70	16.17	17.66	16.18	16.45	14.83
10	19.34	18.41	18.24	19.24	18.60	18.88	18.35	16.63	17.43	17.32	16.62	16.60
15	18.70	18.62	18.35	19.23	18.10	19.03	18.22	12.53	13.85	17.78	16.92	15.22
20	18.08	18.59	18.24	19.24	18.58	18.74	16.88	12.06	14.77	17.63	17.58	14.92
25	17.84	18.70	18.49	19.23	18.57	18.15	16.94	13.06	15.58	17.69	16.50	15.65
EOM	17.44	18.42	19.00	19.04	18.72	18.50	16.79	16.26	16.24	16.15	15.35	15.90
MEAN	18.75	18.38	18.39	19.18	18.53	18.62	17.82	14.38	15.78	17.01	16.38	15.52
MAX	20.29	18.75	19.00	19.52	19.00	19.09	18.75	17.09	17.79	17.88	17.58	16.87
MIN	17.44	17.59	18.06	18.95	18.10	17.80	16.29	11.00	13.85	15.84	15.35	14.81
WTR YR 1982	MEAN	17.39	MAX	20.29	OCT 2	MIN	11.00	MAY 23				

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.17 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 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. 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 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) estimated, NGVD, Aug. 12, 1978; lowest, 2.45 ft (0.75 m) NGVD, May 20, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.19	12.93	13.23	13.41	12.00	11.89	11.76	9.08	11.09	9.35	9.73	7.59
10	11.87	13.04	13.04	13.48	12.63	12.37	11.82	9.76	10.28	8.64	8.71	8.66
15	12.26	13.40	13.23	13.34	11.65	12.11	11.65	4.24	3.29	9.20	9.05	8.24
20	11.30	13.44	13.29	13.63	11.99	11.41	9.29	4.46	6.10	10.55	9.57	7.38
25	12.01	13.01	13.45	13.65	12.00	12.28	10.84	5.00	6.53	9.97	8.76	8.40
EOM	11.14	13.11	13.90	12.16	13.07	12.08	10.36	9.98	7.48	8.78	7.85	8.74
MEAN	12.23	13.13	13.36	13.41	12.10	11.93	11.25	7.00	7.52	9.49	9.00	8.17
MAX	14.69	13.51	13.92	13.97	13.10	12.45	12.86	11.37	11.09	10.60	9.78	9.03
MIN	10.96	12.21	13.04	12.16	11.51	11.23	9.29	3.67	3.29	7.76	7.85	7.36
WTR YR 1982	MEAN	10.71	MAX	14.69	OCT 1	MIN	3.29	JUN 15				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

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 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.20 ft (6.46 m) NGVD, Sept. 30, Oct. 1, 1979; lowest, 6.06 ft (1.85 m) NGVD, May 23, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	19.41	17.26	17.42	18.49	18.15	18.00	18.09	15.06	17.22	11.71	11.87	9.17
10	18.64	17.74	17.57	18.69	18.06	18.27	17.64	15.91	16.97	15.57	14.65	14.98
15	18.00	17.96	17.72	18.52	17.50	18.41	17.50	9.12	10.79	16.56	14.58	9.14
20	17.31	17.92	17.49	18.65	17.94	17.94	15.51	8.56	10.14	15.26	16.02	8.85
25	17.06	18.07	17.88	18.72	17.99	17.44	16.15	12.18	12.28	16.86	13.29	9.99
EOM	16.67	17.69	18.39	18.52	18.14	17.81	16.00	15.78	12.86	11.54	9.71	10.05
MEAN	18.05	17.69	17.74	18.61	17.96	17.97	17.04	12.60	13.40	14.07	12.32	10.60
MAX	19.67	18.16	18.39	19.00	18.40	18.43	18.13	16.31	17.37	16.86	16.02	14.98
MIN	16.67	16.86	17.42	18.37	17.50	17.16	14.97	6.06	10.14	11.54	9.71	8.85
WTR YR 1982	MEAN	15.66	MAX	19.67	OCT 1	AND OTHERS	MIN	6.06	MAY 23			

WELL NUMBER.--272133082324701. City of Sarasota 27th Street Well near Sarasota, FL.

LOCATION.--Lat 27°21'33", long 82°32'47", in NW¼NW¼ sec.18, T.36 S., R.18 E., Hydrologic Unit 03100201, 30 ft (9 m) south of 27th Street, 0.2 mi (0.3 km) east of U. S. Highway 41, and 1.8 mi (2.9 km) northwest of Sarasota.

AQUIFER.--Tampa limestone of Miocene Age, Geologic Unit 122 TAMP.

WELL CHARACTERISTICS.--Drilled, unused, public supply well, diameter 12 in (30 cm), depth 343 ft (105 m), cased to 45 ft (14 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelter floor, 18.14 ft (5.53 m) above land-surface datum.

DATUM.--Land-surface datum is 6.84 ft (2.08 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby public supply wells.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 20.90 ft (6.37 m) NGVD, Sept. 1, 1981; lowest, 7.51 ft (2.29 m) NGVD, May 23, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	19.22	17.13	17.19	18.30	17.96	17.86	17.92	14.72	17.12	13.39	13.59	10.69
10	18.45	17.59	17.39	18.52	17.89	18.10	17.45	15.76	16.85	15.10	14.24	14.95
15	17.83	17.81	17.56	18.24	17.28	18.28	17.31	8.59	10.38	16.40	14.32	11.02
20	17.16	17.75	17.27	18.41	17.78	17.82	15.22	8.05	11.73	15.02	16.04	10.72
25	16.95	17.87	17.71	18.54	17.81	17.27	16.01	12.15	11.89	16.77	12.99	11.50
EOM	16.54	17.52	18.22	18.35	17.95	17.68	15.85	15.69	13.70	13.21	11.20	11.70
MEAN	17.87	17.53	17.56	18.41	17.78	17.82	16.86	12.52	13.53	14.72	13.19	11.81
MAX	19.49	18.00	18.22	18.78	18.20	18.28	17.94	16.17	17.27	16.77	16.04	14.95
MIN	16.54	16.73	17.19	18.16	17.28	17.01	14.57	7.51	10.36	13.02	11.20	10.69
WTR YR 1982	MEAN	15.79	MAX	19.49	OCT 2	MIN	7.51	MAY 23				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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) 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.10	5.70	6.00	6.90	.04	1.50	4.61	-1.74	2.24	19.25	20.27	22.19
10	11.91	6.30	6.40	2.53	6.86	-4.61	-0.33	6.57	7.13	21.23	23.15	25.20
15	13.42	5.90	5.00	6.19	7.03	-0.59	9.03	8.07	13.55	23.16	23.60	24.90
20	14.35	5.60	6.20	2.77	7.85	-1.90	-1.23	7.53	6.63	22.40	28.42	23.90
25	5.76	6.00	6.40	3.03	9.60	.56	-2.56	6.01	21.75	23.70	26.60	24.18
EOM	5.00	6.50	5.60	10.25	-0.53	12.17	5.02	6.07	19.20	18.68	25.86	26.47
MEAN	11.78	6.10	6.21	5.33	3.35	.60	3.58	5.64	11.62	20.84	25.07	23.94
MAX	19.27	7.00	7.40	10.82	10.05	12.17	13.43	9.44	22.45	25.76	29.23	26.47
MIN	3.90	5.10	4.23	.79	-8.02	-5.51	-3.61	-2.20	.52	16.24	19.75	19.95
WTR YR 1982	MEAN	10.38	MAX	29.23	AUG 22	MIN	-8.02	FEB 17				

NOTE.--Record estimated Oct. 28 to Jan. 5, Sept. 6-15.

WELL NUMBER.--272242082235501. Schroeder-Manatee Deep Well near Sarasota, FL.

LOCATION (corrected).--Lat 27°22'42", long 82°23'55", in SW¼NW¼ sec.3, T.36 S., R.19 E., Hydrologic Unit 03100202, 0.5 mi (0.8 km) south of Manatee-Sarasota County line, 1.7 mi (2.7 km) northeast of Sarasota, and 3.7 mi (6.0 km) south of State Highway 70.

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.

REVISED RECORDS.--WRD FL-79-3B: 1978.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 23.40 ft (7.13 m) NGVD, Aug. 15, 1978; lowest, 2.06 ft (0.63 m) below NGVD, May 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.71	13.22	13.20	15.02	13.98	12.14	12.38	10.54	13.92	20.29	22.60	20.60
10	17.65	14.10	13.35	15.92	12.07	14.53	11.99	8.92	15.31	20.80	22.61	20.58
15	15.74	14.57	13.39	15.89	12.46	14.92	11.53	7.10	16.14	21.26	22.83	20.89
20	14.29	14.52	14.08	14.45	13.71	12.33	10.36	5.50	17.61	21.80	23.04	20.21
25	13.40	14.40	12.87	15.03	12.68	12.28	9.53	6.77	18.84	22.06	23.06	20.92
EOM	12.85	12.91	15.69	14.67	13.91	13.27	9.67	10.92	19.75	22.32	21.37	21.36
MEAN	15.80	14.01	13.54	15.08	12.99	12.96	11.01	8.22	16.37	21.28	22.68	20.73
MAX	19.45	14.58	15.69	16.28	14.61	14.92	13.02	11.23	19.75	22.32	23.19	21.37
MIN	12.79	12.91	11.98	13.72	11.53	11.05	8.33	5.12	11.48	19.84	21.37	20.06
WTR YR 1982	MEAN	15.41	MAX	23.19	AUG 22	MIN	5.12	MAY 22				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	34.64	31.52	30.14	29.42	29.13	29.70	29.43	29.21	30.09	38.51	40.11	42.93
10	34.66	30.79	30.34	29.31	29.04	30.31	29.49	28.84	30.87	38.62	40.70	41.97
15	33.70	30.41	30.15	29.88	29.14	30.07	29.32	28.58	32.25	41.63	41.86	41.75
20	32.49	30.58	29.93	30.32	28.95	29.31	29.87	29.29	36.57	40.32	43.03	42.57
25	31.96	30.31	29.64	30.36	29.15	28.85	28.73	30.02	37.52	39.01	42.72	41.15
EOM	31.23	29.94	29.22	30.42	28.60	29.20	29.23	31.04	37.86	39.02	41.42	42.56
MEAN	33.35	30.66	30.01	29.82	29.14	29.56	29.33	29.40	33.82	39.21	41.51	42.07
MAX	35.34	31.56	30.37	30.57	30.39	30.79	29.87	31.04	38.61	41.79	43.29	42.93
MIN	31.21	29.80	29.22	28.49	28.60	28.74	28.73	27.81	29.95	37.80	39.49	41.15
WTR YR 1982	MEAN	33.18	MAX	43.29	AUG 22	AND OTHERS	MIN	27.81	MAY 12			

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 public supply 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 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, 26.73 ft (8.15 m) NGVD, Aug. 22, 1982; lowest, 4.51 ft (1.37 m) below NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.99	13.31	13.53	16.42	13.47	12.39	13.11	9.90	13.58	22.61	25.96	22.35
10	17.70	13.30	13.56	15.98	12.16	14.18	12.04	8.50	15.58	23.41	25.97	23.16
15	15.93	13.84	13.17	15.71	11.31	14.23	11.60	6.63	17.33	24.04	26.07	22.12
20	14.81	14.07	14.19	15.77	12.92	12.49	10.12	5.08	19.41	24.46	26.63	21.37
25	13.06	13.32	14.18	15.19	12.90	11.60	8.46	7.44	20.56	24.95	25.48	23.54
EOM	12.69	12.57	15.55	13.79	13.54	12.36	9.79	10.57	21.66	25.38	23.68	23.21
MEAN	15.93	13.27	13.82	15.58	12.80	12.86	10.94	7.87	17.37	23.98	25.68	22.82
MAX	20.00	14.07	15.55	16.55	14.04	14.45	13.11	10.57	21.66	25.38	26.73	24.15
MIN	12.65	12.29	12.19	13.77	11.31	11.34	7.53	4.80	11.16	22.04	23.34	21.29
WTR YR 1982	MEAN	16.10	MAX	26.73	AUG 22	MIN	4.80	MAY 22				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SARASOTA COUNTY

WELL NUMBER.--272256082175901. Verna T Well 0-3 near Verna, FL.

LOCATION.--Lat 27°22'56", long 82°17'54", 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.--Tape measured. Measuring point: Top of 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 public supply wells.

PERIOD OF RECORD.--March 1978 to September 1981; October 1981 to September 1982 (bimonthly).

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			APR		
15...	1600	2.54	22...	1424	-13.08
DEC			MAY		
30...	1245	-9.28	10...	1200	-11.27
JAN			14...	1515	-11.41
06...	1802	3.65	JUL		
MAR			12...	1600	12.47
18...	1425	-3.40			

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 adapter, 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
15...	1545	76.75	10...	1358	75.93
DEC			JUL		
30...	1420	74.76	12...	1510	79.04
MAR			SEP		
18...	1350	75.05	13...	1300	77.47

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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) 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, 79.23 ft (24.15 m) NGVD, June 18, 1982; lowest, 73.93 ft (22.53 m) NGVD, July 4, 1977.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	77.80	76.53	75.71	75.09	74.99	74.72	76.39	76.70	77.73	77.85	77.84	77.25
10	76.81	76.12	75.45	75.02	74.90	76.33	77.38	76.40	76.65	79.00	78.93	77.90
15	76.67	75.90	75.29	75.50	74.80	76.01	76.90	76.08	76.27	79.10	78.75	77.10
20	76.42	75.72	75.23	75.53	75.16	75.70	76.43	75.80	79.09	78.30	78.98	77.48
25	76.24	75.57	75.16	75.38	74.94	75.46	76.68	76.98	79.17	78.95	78.00	78.87
EOM	76.03	75.44	75.18	75.16	74.83	76.98	77.16	76.95	78.07	78.88	78.58	78.52
MEAN	76.70	75.89	75.35	75.26	74.97	75.87	76.80	76.44	77.84	78.62	78.42	77.96
MAX	77.85	76.53	75.76	75.56	75.16	77.31	77.82	77.06	79.23	79.15	79.04	79.13
MIN	76.03	75.44	75.15	74.97	74.78	74.72	76.14	75.70	76.20	77.40	77.46	76.80
WTR YR 1982	MEAN	76.69	MAX	79.23	JUN 18	MIN	74.72	MAR 5				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 3.18 ft (0.97 m) corrected, 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 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.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 47.33 ft (14.43 m) NGVD, Apr. 5, 1964; lowest, 1.88 ft (0.57 m) NGVD, May 6, 1976.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.03	21.63	20.96	22.02	21.35	20.75	20.48	18.99	19.56	24.73	27.93	28.04
10	24.63	21.63	21.20	22.07	20.78	21.10	20.21	18.68	20.50	25.44	28.26	28.02
15	23.91	21.73	21.07	22.04	20.33	21.29	20.24	17.97	21.34	26.13	28.47	27.98
20	23.14	21.59	21.13	22.22	20.64	20.86	19.55	17.03	22.58	26.58	28.83	27.61
25	22.38	21.44	21.10	21.98	20.80	20.37	18.48	17.03	23.41	27.06	28.86	28.19
EOM	21.73	21.16	21.70	21.60	20.90	20.30	18.93	18.23	24.11	27.48	28.31	28.47
MEAN	23.68	21.56	21.15	22.01	20.86	20.79	19.75	18.00	21.53	26.05	28.41	28.05
MAX	25.44	21.77	21.70	22.25	21.57	21.29	20.49	19.02	24.11	27.48	28.93	28.47
MIN	21.73	21.16	20.90	21.60	20.33	20.11	18.48	16.71	18.50	24.23	27.58	27.61
WTR YR 1982	MEAN	22.67	MAX	28.93	AUG 22	MIN	16.71	MAY 23				

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, 62.58 ft (19.07 m) NGVD, Aug. 28, 1981; lowest measured, 56.61 ft (17.25 m) NGVD, May 20, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET) (72020)
OCT			MAY		
15...	1435	60.08	10...	0901	59.73
DEC			JUL		
30...	1555	58.48	12...	1335	62.44
MAR			SEP		
18...	1115	59.26	13...	0900	61.24

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 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 +0.95 ft (0.29 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 (2.76 m) below NGVD, May 10, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.20	13.26	12.29	15.49	12.54	11.89	12.30	8.95	12.96	21.69	25.75	22.07
10	17.51	12.29	13.54	14.88	12.00	13.17	11.06	8.74	15.22	23.42	25.25	22.35
15	15.41	12.78	12.21	15.85	11.40	13.27	11.66	6.53	16.96	24.04	25.16	21.96
20	13.56	12.97	12.65	14.48	12.93	11.93	9.08	4.66	19.18	23.95	25.61	20.68
25	11.93	12.94	13.33	15.01	13.30	10.34	7.40	6.89	20.61	24.31	25.43	22.64
EOM	12.41	12.22	15.55	14.01	12.67	11.45	9.86	9.71	21.75	24.34	22.23	23.06
MEAN	15.20	12.67	13.12	15.08	12.42	12.16	10.31	7.53	17.06	23.60	25.03	22.13
MAX	20.04	13.72	15.55	16.39	14.22	13.60	12.30	9.87	21.75	24.75	25.80	23.68
MIN	11.71	11.36	11.30	13.86	10.96	10.32	6.36	4.07	11.01	21.43	22.23	20.68
WTR YR 1982	MEAN	15.55	MAX	25.80	AUG 4	MIN	4.07	MAY 19				

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) 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 (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.65	5.64	6.07	8.45	7.17	1.27	4.70	1.41	5.85	19.09	21.88	20.26
10	12.01	6.26	6.43	7.30	3.21	3.10	2.80	2.52	7.31	20.07	24.35	22.77
15	7.36	5.40	5.52	7.92	3.85	7.48	2.03	2.32	11.47	21.81	23.56	22.46
20	8.96	5.70	5.76	7.55	5.08	3.60	1.74	3.01	16.83	21.92	23.15	19.83
25	5.30	6.79	6.24	8.95	4.58	4.17	-0.03	.25	19.51	21.52	24.61	22.48
EOM	4.89	6.48	5.71	5.40	3.75	4.83	.98	4.20	17.54	23.03	23.75	19.99
MEAN	9.10	6.12	6.25	7.54	4.95	3.84	2.56	2.11	12.29	20.99	23.55	21.60
MAX	14.65	7.19	7.48	8.99	8.64	7.48	4.95	4.68	20.76	23.14	26.10	24.14
MIN	3.75	5.09	4.25	5.40	3.21	.45	-0.62	-1.07	3.85	19.00	20.92	19.26
WTR YR 1982	MEAN	10.11	MAX	26.10	AUG 23	MIN	-1.07	MAY 23				

WATER RESOURCES DATA FOR FLORIDA, 1982
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KEY TO SITE LOCATIONS ON FIGURE 19

SUMTER COUNTY

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6	283638082025701	315
7	283638082025702	316
7	284619082035101	316
8	285121082112201	317
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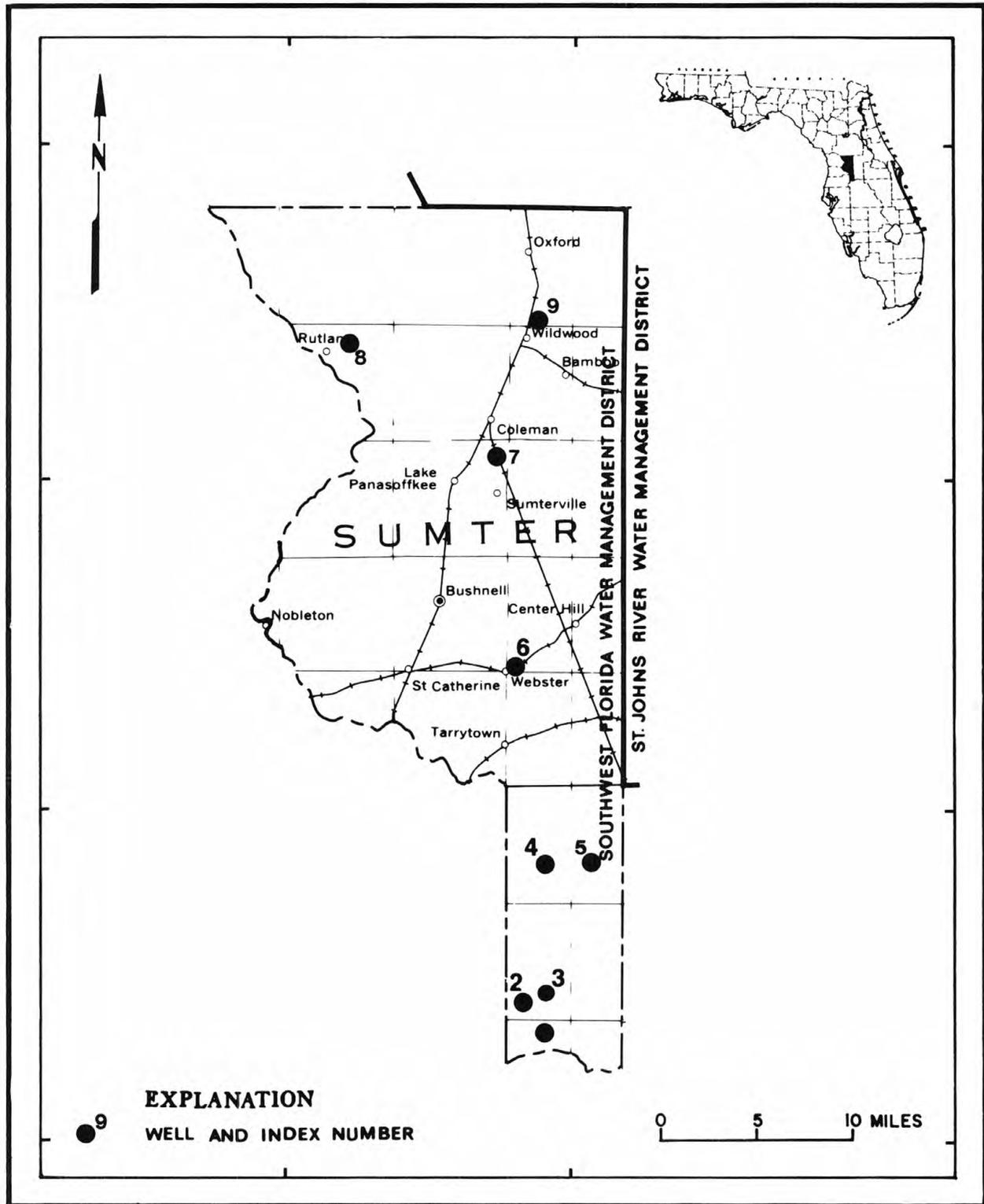


Figure 19. Location of wells in Sumter County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 Cumpresso, 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 1.25 in (3.18 cm), depth 49 ft (15 m), casing length unknown.

INSTRUMENTATION.--Tape measured. Measuring point: Hole in casing at 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, 91.83 ft (27.99 m) NGVD, Sept. 13, 1982; lowest measured, 84.60 ft (25.79 m) NGVD, May 26, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 16...	1237	88.35	JUL 23...	1512	91.21
FEB 02...	1303	90.83	SEP 13...	1055	91.83
APR 08...	1352	90.51			
MAY 10...	1035	89.12			

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 Cumpresso, 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 1.25 in (3.18 cm), depth 18 ft (5 m), casing length unknown.

INSTRUMENTATION.--Tape measured. Measuring point: Hole in casing, 0.21 ft (0.06 m) below 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 16...	1240	88.37	JUL 23...	1514	91.26
FEB 02...	1307	90.83	SEP 13...	1055	91.72
APR 08...	1348	90.50			
MAY 10...	1033	89.02			

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 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 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 1.25 in (3.18 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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 16...	1234	87.35	JUL 23...	1507	91.90
FEB 02...	1257	90.60	SEP 13...	1055	92.51
APR 08...	1354	90.21			
MAY 10...	1030	88.57			

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 SE¼NE¼NE¼ 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, 94.39 ft (28.77 m) NGVD, July 29, 1982; lowest, 85.11 ft (25.94 m) NGVD, July 2, 1977.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	90.68	89.88	89.12	92.67	92.01	92.06	91.91	90.62	93.49	92.49	93.09	91.76
10	90.32	90.14	89.00	92.10	91.90	92.88	91.91	90.21	92.23	92.23	92.29	93.69
15	89.93	90.16	88.90	93.64	92.14	92.32	92.19	89.68	91.62	92.22	92.54	92.73
20	89.49	89.80	88.83	92.92	93.26	91.94	91.61	89.47	93.51	91.84	93.69	92.54
25	89.39	89.48	88.81	92.57	92.53	92.00	91.34	90.47	93.75	93.15	92.82	93.64
EOM	89.45	89.25	92.40	92.19	92.33	92.58	91.07	93.52	92.99	94.03	92.25	93.55
MAX	91.16	90.30	92.40	93.87	93.82	93.21	92.51	93.52	94.24	94.39	94.08	94.22
WTR YR 1982	MEAN	91.70	MAX	94.39	JUL 29	MIN	88.80	DEC 24				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 85.85 ft (26.17 m) NGVD, May 26, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 16...	1325	90.06	MAY 17...	1150	90.08
FEB 02...	1158	91.05	JUL 23...	1553	91.86
APR 08...	1433	91.79			

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, 93.19 ft (28.40 m) NGVD, Sept. 18, 1981; lowest measured, 85.84 ft (26.16 m) NGVD, May 26, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 16...	1329	90.06	MAY 17...	1150	90.07
FEB 02...	1201	92.04	JUL 23...	1555	91.84
APR 08...	1435	91.78			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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, 92.25 ft (28.12 m) NGVD, Sept. 13, 1982; lowest measured, 86.48 ft (26.36 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC			MAY		
16...	1008	89.72	10...	0845	90.68
FEB			JUL		
02...	1031	91.56	23...	1408	91.30
APR			SEP		
08...	1528	91.36	13...	0910	92.25

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, 92.25 ft (28.12 m) NGVD, Sept. 13, 1982; lowest measured, 86.46 ft (26.35 m) NGVD, May 18, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC			JUL		
16...	1009	89.68	23...	1410	91.28
FEB			SEP		
02...	1035	91.53	13...	0910	92.25
APR					
08...	1523	91.33			
MAY					
10...	0848	90.63			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 16...	1025	94.25	JUL 23...	1423	95.65
FEB 02...	1050	95.79	SEP 13...	0845	96.38
APR 08...	1543	95.62			
MAY 10...	0825	94.89			

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, 74.48 ft (22.70 m) NGVD, July 20, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC 04...	1405	78.63	MAY 11...	1645	82.76
FEB 11...	1048	80.42	JUL 22...	1024	84.27
APR 02...	1018	82.89			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SUMTER COUNTY

WELL NUMBER.--283638082025702. Local Number 836-202-04. Town of Webster, FL.

LOCATION.--Lat 28°36'38", long 82°02'57", in SW¼SE¼SW¼ sec.31, T.21 S., R.23 E., Hydrologic Unit 03100208, 100 ft (30 m) west of 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, unused, artesian well, diameter 8 in (20 cm), depth 430 ft (131 m), cased to 174 ft (53 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 0.87 ft (0.26 m) above land-surface datum.

DATUM.--Land-surface datum is 91.85 ft (28.00 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April to September 1978; October 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 85.85 ft (26.17 m) NGVD, Sept. 11, 1982; lowest, 74.45 ft (22.69 m) NGVD, July 20, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---		78.55		---		82.81	83.21	83.24	84.44	84.73	---
10	---		---		---		82.91	---	82.94	84.33	---	85.82
15	---		---		80.48		84.62	82.52	82.61	83.98	84.24	85.51
20	---		---		---		84.24	82.36	84.26	84.18	85.71	---
25	---		---		---		83.93	82.35	84.42	84.30	85.46	---
EOM	---		---		---		83.55	82.93	84.93	84.84	---	---
MAX	79.65		78.59		82.02		84.69	83.47	85.04	84.84	85.71	85.85
WTR YR 1982	MEAN	83.59	MAX	85.85	SEP 11		MIN	78.47	DEC 9			

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 192 ft (59 m), cased to 62 ft (19 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 1.62 ft (0.49 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.--October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 56.67 ft (17.27 m) NGVD, June 28, 1982; lowest, 52.09 ft (15.88 m) NGVD, June 18, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	52.54	52.50	52.39	53.73	53.71	54.88	55.73	54.96	54.80	56.23	55.82	55.14
10	52.45	52.53	52.38	53.62	53.64	56.51	55.69	54.70	54.64	56.55	55.54	55.65
15	52.38	52.51	52.41	53.87	54.11	56.12	55.75	54.44	54.43	56.16	55.62	55.70
20	52.22	52.49	52.33	54.00	55.26	55.82	55.46	54.17	55.64	55.99	55.93	55.46
25	52.40	52.38	52.37	53.97	55.03	55.77	55.46	54.13	56.53	55.76	55.83	55.45
EOM	52.38	52.36	53.71	53.95	54.90	56.00	55.21	54.60	56.50	55.64	55.43	56.12
MAX	52.72	52.56	53.71	54.01	55.26	56.56	55.95	55.16	56.67	56.60	55.97	56.22
WTR YR 1982	MEAN	54.52	MAX	56.67	JUN 28		MIN	52.16	OCT 23			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

SUMTER COUNTY

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) 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, 46.93 ft (14.30 m) NGVD, Sept. 26, 1982; lowest, 38.41 ft (11.71 m) NGVD, Oct. 24, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	38.67	38.55	38.70		---	41.90	43.67	42.67	42.74	44.93	44.63	44.30
10	38.58	38.61	38.69		40.49	44.39	43.61	42.38	42.32	45.18	44.37	45.27
15	38.52	38.68	38.72		41.06	43.73	43.95	42.06	41.97	44.68	44.54	44.84
20	38.45	38.66	38.76		42.15	43.58	43.40	41.81	44.68	44.94	45.09	44.44
25	38.45	38.61	---		41.79	43.51	43.31	41.72	46.53	45.28	45.06	45.79
EOM	38.54	38.62	---		41.61	44.42	42.97	42.47	45.48	44.80	44.79	46.60
MAX	38.79	38.68	38.76		42.16	44.70	44.31	42.90	46.53	45.37	45.18	46.93
WTR YR 1982	MEAN	42.45	MAX	46.93	SEP 26	MIN	38.41	OCT 24				

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 SE¼SE¼NW¼ 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, Geological 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, 1.48 ft (0.45 m), above land-surface datum.

DATUM.--Land-surface datum is 82.58 ft (25.17 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1961 to January 1978 (bimonthly); February 1978 to October 1979, November 1979 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, 57.86 ft (17.64 m) NGVD, Sept. 15, 1964; lowest measured, 45.18 ft (13.77 m) NGVD, Dec. 14, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
NOV			MAY		
02...	1205	45.50	13...	1310	49.71
DEC			AUG		
14...	1002	45.18	16...	--	57.16
FEB			SEP		
12...	1410	45.71	17...	0900	56.96
APR					
13...	0945	50.49			

MISCELLANEOUS WATER LEVEL MEASUREMENTS

MISCELLANEOUS WATER LEVEL MEASUREMENTS
OCTOBER 1981 TO SEPTEMBER 1982

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STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF SAMPLE	ELEV- ATION (FT. NGVD)
CHARLOTTE						
265124082012401	OLD FAITHFUL D. WELL NR PUNTA GORDA, FLA	26 51 24	082 01 24	01	82-05-11 82-09-14	44.50 45.00
265633082015201	BROWNS D WELL AT PUNTA GORDA	26 56 33	082 01 52	01	82-05-11 82-09-14	42.00 42.40
265842081414801	40S26E22 658141132 424	26 58 42	081 41 48	01	82-05-11 82-09-15	48.30 49.72
CITRUS						
284101082184301	84121801 21S20E04 OAK FOREST SUBMERSIBLE	28 41 01	082 18 43	01	82-05-13 82-09-15	30.56 37.16
284330082215401	ROMP 109 NEAR FLORAL CITY, FL	28 43 30	082 21 54	01	82-05-13 82-09-15	16.72 22.87
284443082131501	84421301 TRAILS END CAMP	28 44 43	082 13 15	01	82-05-12 82-09-15	40.54 43.45
284519082150701	84521501 20S21E07 HOMER N FISHER	28 45 19	082 15 07	01	82-05-13 82-09-15	40.46 43.78
284528082211801	84522101 20S19E12 WSF-MUTUAL MINE REC AREA	28 45 28	082 21 18	01	82-05-13 82-09-15	17.06 21.75
284752082202501	84722001 19S20E31 HIGHLANDS VFD NR INVERNESS	28 47 52	082 20 25	01	82-05-13 82-09-15	18.84 29.00
284805082225701	84822201 19S19E26 WSF-HOLDER MINE REC AREA	28 48 05	082 22 57	01	82-05-13 82-09-15	12.37 19.56
284844082282801	84822801 19S18E22 WSF-PERRYMAN TRACT	28 48 44	082 28 28	01	82-05-13 82-09-15	6.59 10.79
284852082162301	84821601 19S20E23 7 LAKES PARK ENTRANCE	28 48 52	082 16 23	01	82-05-13 82-09-15	38.53 42.14
284958082190401	84921901 19S20E16 CITRUS 8 U S GEOL SURVEY	28 49 58	082 19 04	01	82-05-13 82-09-15	31.73 40.55
285026082174101	85021701 19S20E15 CITRUS 9 U S GEOL SURVEY	28 50 26	082 17 41	01	82-05-13 82-09-15	38.09 41.43
285037082213801	85022101 19S19E12 INVERNESS VILLAGE EASTW	28 50 37	082 21 38	01	82-05-13 82-09-15	20.17 30.53
285056082163001	85021601 19S20E11 CITRUS 10 U S GEOL SURVEY	28 50 56	082 16 30	01	82-05-13 82-09-15	37.47 40.56
285105082135802	USGS WELL 0.7MI.W OF WITH.R. ON SR 44.47FT N RD	28 51 01	082 13 58	02	82-05-13 82-09-15	38.25 41.15
285248082183201	85221801 18S20E33 ELMER HEATH	28 52 48	082 18 32	01	82-05-13 82-09-15	37.59 40.58
285441082165201	85421601 18S20E23 W G HULL	28 54 41	082 16 52	01	82-05-13 82-09-15	39.22 43.16
285514082275402	85522704 18S18E14 BEVERLY HILLS WELL 6-T	28 55 14	082 27 54	02	82-05-13 82-09-15	3.93 8.13
285612082294201	85622901 18S18E04 PINE RIDGE NO 3	28 56 12	082 29 42	01	82-05-13 82-09-15	5.19 12.76
285654082350101	85623501 18S17E03 GERRITS WELL NR CITRONELLE	28 56 54	082 35 01	01	82-05-12 82-09-14	5.57 8.70
285714082285601	85722801 17S18E34 DELTONA "99" WELL NR CIT SPGS	28 57 14	082 28 56	01	82-05-13 82-09-15	7.16 11.35
285812082360901	85823601 17S17E29 CE 7 U S GEOL SURVEY	28 58 12	082 36 09	01	82-05-12 82-09-14	9.88 15.70

MISCELLANEOUS WATER LEVEL MEASUREMENTS
OCTOBER 1981 TO SEPTEMBER 1982

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STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF SAMPLE	ELEV- ATION (FT. NGVD)
CITRUS						
285833082233301	85822301 17S19E34 CE 16	28 58 03	082 23 31	01	82-05-12 82-09-15	13.25 16.02
285930082283702	85922803 17S18E22 CITRUS SPRINGS RECORDER	28 59 30	082 28 37	02	82-05-13 82-09-15	11.95 12.56
285935082324501	85923201 17S17E24 MELODY JOHNSON	28 59 35	082 32 45	01	82-05-12 82-09-14	5.62 11.23
285951082350901	85923501 17S17E15 CE 6 U S GEOL SURVEY	28 59 51	082 35 09	01	82-05-12 82-09-14	17.45 22.37
290023082393601	90023901 17S16E11 CE 89 U S GEOL SURVEY	29 00 23	082 39 36	01	82-05-12 82-09-14	9.32 12.87
290041082265101	90022601 17S18E12 SECTION 12 MINE WELL	29 00 41	082 26 51	01	82-05-12 82-09-15	7.28 15.39
290107082400501	90124001 17S16E11 CE 88 U S GEOL SURVEY	29 01 07	082 40 05	01	82-05-12 82-09-14	4.17 8.49
290114082420901	90124201 17S16E08 CE 85	29 01 14	082 42 09	01	82-05-12 82-09-14	4.31 6.83
290132082324201	90123202 17S17E01 EMORY COWART HOUSE WELL	29 01 32	082 32 42	01	82-05-12 82-09-14	15.15 17.75
290216082292001	90222901 16S18E33 CE 77 U S GEOL SURVEY	29 02 16	082 29 20	01	82-04-23 82-05-12 82-09-09 82-09-14	9.98 10.40 18.08 16.93
DE SOTO						
270325081484701	NAT WOLF CORP IRR WELL NR ARCADIA, FL	27 03 25	081 48 47	01	82-05-11 82-09-15	49.40 50.90
270433081432301	HALL PINE IS WELL NR ARCADIA	27 04 33	081 43 23	01	82-05-11	47.45
270438081464301	NICHOLS RANCH D. WELL NR ARCADIA	27 04 38	081 46 43	01	82-05-11 82-09-15	49.30 50.74
270554082003601	GEN DEV CORP AVON PK WELL NR FT. ODGEN	27 05 54	082 00 36	01	82-05-10 82-09-15	57.82 49.57
270554082003602	GEN DEV CORP D. WELL NR FT. ODGEN	27 05 54	082 00 36	02	82-05-10 82-09-15	47.82 49.57
270637081545501	WELLS FRUIT CO D. WELL NR FT. ODGEN	27 06 37	081 54 55	01	82-05-11 82-09-15	39.28 49.18
270854081454001	PARKER FARMS D. WELL NR ARCADIA	27 08 54	081 45 40	01	82-09-13	49.72
270958081554101	WELLES FRUIT CO. D. WELL NR ARCADIA	27 09 58	081 55 41	01	82-05-11 82-09-13	46.47 47.62
271103081454001	WELL 711 145 0340	27 11 03	081 45 40	01	82-09-13	49.54
271135081372501	BRIGHT HOUR RANCH IRR WELL NR ARCADIA	27 11 35	081 37 25	01	82-09-14	50.16
271405081453201	BEVIS D. IRR WELL NR ARCADIA	27 14 05	081 45 32	01	82-05-10 82-09-13	49.83 51.53
271438081513801	J.C.GARRARD	27 14 38	081 51 38	01	82-09-13	48.87
271459082032201	MURDOCK NE QUAD	27 14 59	082 03 22	01	82-05-10 82-09-16	38.69 43.46
271559081420801	ALBRITTON BROS IRR WELL NR ARCADIA	27 15 59	081 42 08	01	82-05-10 82-09-13	48.10 49.78
271621081545801	J.K. BERTSCHER IRR WELL NR ARCADIA	27 16 21	081 54 58	01	82-05-10 82-09-13	45.13 48.43
271653081464701	J.W. CONGER IRR WELL NR ARCADIA	27 16 53	081 46 47	01	82-05-10 82-09-13	45.85 48.37
271825081585701	DUPREE BROS IRR WELL NR PINE LEVEL	27 18 25	081 58 57	01	82-05-10 82-09-13	32.04 41.38
271854082012001	BETHEL D. IRR WELL NR PINE LEVEL	27 18 54	082 01 20	01	82-05-10 82-09-13	28.04 39.69
271915082002201	BETHEL D. IRR WELL NR PINE LEVEL	27 19 15	082 00 22	01	82-05-12	31.41

MISCELLANEOUS WATER LEVEL MEASUREMENTS
OCTOBER 1981 TO SEPTEMBER 1982

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STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF SAMPLE	ELEV- ATION (FT. NGVD)
HARDEE						
272041081562301	CARLTON JR WELL NR LIMESTONE,FL	27 20 41	081 56 23	01	82-05-11 82-09-16	31.41 45.49
272129081391001	FLINT D. WELL NR CREWSVILLE,FL	27 21 29	081 39 10	01	82-05-11 82-09-17	48.81 53.83
272312081580701	WHITEHURST D. WELL NR LIMESTONE,FL	27 23 12	081 58 07	01	82-05-11 82-09-16	30.32 45.56
272317081425301	SAPP D. WELL NR SWEETWATER	27 23 17	081 42 53	01	82-05-11 82-09-17	49.32 60.56
272351081474301	GRIFFIN-ZOLFO SPRINGS WELL	27 23 51	081 47 43	01	82-05-11 82-09-17	41.77 53.18
272442082015201	STEPHENS D. WELL NR ONA,FL	27 24 42	082 01 52	01	82-05-11 82-09-16	28.42 43.97
272502081390201	725-J.EATON	27 25 02	081 39 02	01	82-05-11 82-09-17	58.64 67.95
272510081572501	ROTAN INC. D. WELL NR ONA,FL	27 25 10	081 57 25	01	82-05-11 82-09-16	34.60 46.72
272700081480601	ALBRITTON D. WELL NR ZOLFO SPGS.,FL	27 27 00	081 48 06	01	82-05-11	42.46
272807081585901	IMC CORP D. WELL NR ONA,FL	27 28 07	081 58 59	01	82-05-11 82-09-16	34.07 48.81
272855081400701	-PEACE RIVER RANCH	27 28 55	081 40 07	01	82-05-11 82-09-17	60.44 72.46
272939081512401	DEAN D. WELL NR ZOLFO SPRINGS	27 29 39	081 51 24	01	82-05-11	42.95
272944081474001	CITY OF ZOLFP SPGS D. WELL AT ZOLFO SPGS.	27 29 44	081 47 40	01	82-05-11 82-09-17	51.12 65.18
273037082021501	730-ALBERT CARLTON	27 30 37	082 02 15	01	82-05-11 82-09-16	30.24 48.90
273249081504701	BENNET RD. WELL	27 32 49	081 50 47	01	82-05-11	47.88
273331081414601	733	27 33 31	081 41 46	01	82-09-15	77.37
273458081342601	SHEARER D. WELL NR LEMON GROVE	27 34 58	081 34 26	01	82-05-11 82-09-17	74.02 84.76
273834081464701	WHITEHURST D. WELL NR BOWLING GREEN	27 38 34	081 46 47	01	82-05-11	56.95
HERNANDO						
282620082193801	82621901 LAKEWOOD RETREAT E SIDE LAKE HANCOCK	28 26 20	082 19 38	01	82-05-11 82-09-14	73.27 80.82
282839082190801	82821901 RUSSELL BLACKETT LAKE NEFF	28 28 39	082 19 08	01	82-05-11 82-09-14	67.77 75.33
282847082103401	82821001 23S21E14 TALLISMAN ESTATES WELL	28 28 47	082 10 34	01	82-05-10 82-09-13	53.51 59.32
282851082035301	82820301 23S22E13 E H BOYETTE	28 28 51	082 03 53	01	82-05-10 82-09-13	83.15 85.16
283001082064702	83020602 23S22E09 WSF-RICHLOAM FIRE TOWER	28 30 01	082 06 47	02	82-05-11 82-09-14	72.89 75.54
283033082154101	83021501 23S20E01 SAMUEL OGNIBENE	28 30 33	082 15 41	01	82-05-11 82-09-14	46.51 52.14
283036082105502	83021002 23S21E02 RIDGE MANOR NO 2	28 30 36	082 10 55	02	82-05-11 82-09-14	54.22 57.42
283108082123401	83121201 22S21E04 LE:COMPTE WELL	28 31 08	082 12 34	01	82-05-11 82-09-14	48.24 52.92

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STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF SAMPLE	ELEV- ATION (FT. NGVD)
HERNANDO						
283125082100501	83121001 CARL G ASBEL RIDGE MANOR	28 31 25	082 10 05	01	82-05-11 82-09-14	65.36 68.39
283231082115101	83221101 22S21E27 H E WATSON	28 32 31	082 11 51	01	82-05-11 82-09-14	48.88 52.60
283237082181901	83221801 22S20E28 WAYNE THOMAS MUNDEN HIL	28 32 37	082 18 19	01	82-05-11 82-09-14	41.28 46.22
283408082123801	83421201 22S21E16 WSF-CYPRESS GLEN CAMP	28 34 08	082 12 38	01	82-05-11 82-09-14	44.18 48.73
283454082131301	83421301 WSF-BOAT RAMP CROOM RD	28 34 54	082 13 13	01	82-09-14	48.05
283508082215101	83522101 22S19E12 CLARENCE SMITH	28 35 08	082 21 51	01	82-05-11 82-09-14	37.14 44.09
283527082365701	WEEKI WELL 2 NR WEEKIWACHEE, FLA	28 35 27	082 36 57	01	82-05-13 82-09-16	5.88 6.95
283529082355801	WEEKI WELL 3 NR WEEKIWACHEE, FLA	28 35 29	082 35 58	01	82-05-13 82-09-16	7.01 7.93
283613082184301	83621801 22S20E04 DELMAS C NIX	28 36 13	082 18 43	01	82-05-11 82-09-14	37.24 43.22
283806082214801	83822101 21S19E25 EDEN CHRISTIAN SCHOOL	28 38 06	082 21 48	01	82-05-12 82-09-15	31.98 38.56
283819082170801	83821701 21S20E22 838217423 USDA FARM	28 38 19	082 17 08	01	82-05-18	39.24
283908082201301	83922001 21S20E18 WSF ENVIROMENTAL CENTER	28 39 08	082 20 13	01	82-05-12 82-09-15	32.76 38.94
283957082181001	83921801 21S20E16 W A BLIZZARD	28 39 57	082 18 10	01	82-05-12 82-09-15	34.74 40.68
HIGHLANDS						
270235081272001	HIF-2 FISHEATING CREEK DAIRY	27 02 35	081 27 20	01	82-05-19	48.47
270245081283301	HIF-38 GARDINIER	27 02 45	081 28 33	01	82-05-12 82-09-15	45.30 52.24
270435081234101	70412301 39S29E14	27 04 35	081 23 41	01	82-05-10 82-09-07	50.07 51.27
270556081204701	HIF-26 J H HENDRIE DAIRY	27 05 56	081 20 47	01	82-05-19 82-09-22	48.80 51.42
270653081210401	HIF-27 J H HENDRIE DAIRY	27 06 53	081 21 04	01	82-05-19 82-09-22	49.14 51.50
270700081291001	HIF-22 THE GRAHAM CO	27 07 00	081 29 10	01	82-05-19 82-09-22	48.86 51.56
270751081242401	HIF-29 H S DARROH	27 07 51	081 24 24	01	82-05-19 82-09-22	48.50 51.58
270953081242901	HIF-30 H S DARROH	27 09 53	081 24 29	01	82-05-19 82-09-22	48.98 52.11
271028081264901	HIF-20 KAYO WELLS	27 10 28	081 26 49	01	82-05-19 82-09-22	48.35 51.47
271045081283001	HIF-25 BLUE HEAD RANCH	27 10 45	081 28 30	01	82-05-19 82-09-22	51.35 54.39
271134081234301	HIF-5 CHARLES STIDHAM	27 11 34	081 23 43	01	82-05-11 82-09-14	49.86 51.48
271303081080501	71310801 37S32E33 LYKES BROS	27 13 03	081 08 05	01	82-05-11 82-09-08	46.30 47.50
271306081271701	HIF-7 BOX RANCH #1	27 13 06	081 27 17	01	82-05-11 82-09-14	50.33 51.76
271306081284801	HIF-8 BOX RANCH	27 13 06	081 28 48	01	82-05-11 82-09-14	49.70 51.49

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HIGHLANDS						
271324081325801	37528E31 71313201 CARLTON LONG ISL MARSH	27 13 24	081 32 58	01	82-05-10 82-09-07	47.35 49.90
271330081113401	HIF-37 SUN-RAY FARMS	27 13 30	081 11 34	01	82-05-18 82-09-15	47.03 51.29
271334081330901	HIF-24 BLUE HEAD RANCH	27 13 34	081 33 09	01	82-05-19 82-09-22	47.44 59.61
271335081052001	713105 37S32E26 LYKES BROTHERS	27 13 35	081 05 20	01	82-05-12 82-09-13	48.58 45.90
271455081054301	71410501 37S32E23	27 14 55	081 05 43	01	82-05-11 82-09-08	45.00 46.70
271456081074701	HIF-6 LYKES BROW 4IN FLOW	27 14 56	081 07 47	01	82-05-12 82-09-15	45.95 46.82
271503081080901	71510801 37S32E20 LYKES BROS	27 15 03	081 08 09	01	82-05-11	39.20
271517081250801	HIF-18 WESTBY CORP	27 15 17	081 25 08	01	82-05-11	52.64
271726081163901	HIF-14 P G PHYPER	27 17 26	081 16 39	01	82-05-11 82-09-14	53.18 52.18
271729081090001	71710901 37S32E05 LYKES BROS	27 17 29	081 09 00	01	82-05-11 82-09-08	39.30 40.70
271730081160501	717116 37S31E-- O REYNOLDS	27 17 30	081 16 05	01	82-05-10 82-09-07	49.80 50.80
271842081322701	HIF-17 MITCHELL MILLER	27 18 42	081 32 27	01	82-05-19	51.94
272048081322101	HIF-16 C M PAYNE	27 20 48	081 32 21	01	82-05-19 82-09-22	60.60 70.52
272224081323301	HIF-15 HAROLD YOUNG	27 22 24	081 32 33	01	82-05-19 82-09-22	59.94 71.47
272237081070701	722107-- 36S32E03 LYKES BROS NR CORNWELL	27 22 37	081 07 07	01	82-05-10 82-09-13	48.94 49.10
272326081240201	72312401 35S29E35	27 23 26	081 24 02	01	82-05-10	69.74
272512081122901	HIF-13 PHILLIP METZGER	27 25 12	081 12 29	01	82-05-11 82-09-14	46.83 47.83
272906081142001	729114-- 34S31E28 YUCAN RANCH NR LORIDA	27 29 06	081 14 20	01	82-05-11 82-09-14	46.14 47.81
272915081190201	HIF-32 GUILFORD TOMLINSON	27 29 15	081 19 02	01	82-05-10 82-09-14	54.23 55.97
273105081135101	HIF-33 EVERETT BONEY	27 31 05	081 13 51	01	82-05-11 82-09-14	47.08 53.39
273138081154201	731115-- 34S31E18 HOWERTON'S WELL NR LORIDA	27 31 38	081 15 42	01	82-05-11 82-09-14	52.86 54.35
273527081310801	CITY OF AVON PARK	27 35 27	081 31 08	01	82-05-10	83.93
273607081302801	736130 33S28E22 HIGH403 AVON PARK	27 36 07	081 30 28	01	82-09-07	89.17
HILLSBOROUGH						
273843082321501	SW HILLS CO WELL 4B NR RUSKIN	27 38 43	082 32 15	01	82-05-11	6.55
274021082272401	SW HILLS CO WELL 17 NR RUSKIN	27 40 21	082 27 24	01	82-05-11 82-09-14	2.97 17.32
274042082144401	FT LONESOME # 924	27 40 42	082 14 44	01	82-05-12	-18.02
274103082053801	SPIVEY GROVE	27 41 03	082 05 38	01	82-05-12 82-09-15	31.12 53.14
274118082235101	SW HILLS CO WELL 30 NR RUSKIN	27 41 18	082 23 51	01	82-05-11 82-09-14	-0.06 17.09
274145082114901	STANALAND	27 41 45	082 11 49	01	82-05-12 82-09-15	17.57 41.71
274151082205601	VALIMAR	27 41 54	082 20 56	01	82-05-10	-5.29
274201082212501	SW HILLS CO 44A(MYSTERY WELL 2) NR WIMAUMA	27 42 01	082 21 25	01	82-05-10 82-09-13	-2.48 17.98

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HILLSBOROUGH						
274235082252301	S W HILLS D WELL 59-929	27 42 35	082 25 23	01	82-05-10	0.20
274244082200801	SO HILLS SH WELL 907	27 42 44	082 20 08	01	82-05-10 82-09-13	65.70 66.93
274256082201601	SW HILLS CO 68(SUN CITY CENTER W.7) NR WIMAUMA	27 42 56	082 20 16	01	82-05-10 82-09-13	-3.52 17.88
274312082144201	LANE(SW HILLS CO WELL 72A) NR WIMAUMA	27 43 12	082 14 42	01	82-05-12 82-09-15	-1.02 24.98
274315082201701	SUN CITY #6(SW HILLS CO WELL 72C NR WIMAUMA	27 43 15	082 20 17	01	82-05-10	-5.43
274352082061001	BREWSTER WELL M6 NR FT LONESOME,FLA	27 43 52	082 06 10	01	82-05-12 82-09-12	31.78 54.98
274410082230701	SW HILLS CO WELL 96 NR RUSKIN	27 44 10	082 23 07	01	82-05-11 82-09-14	-6.65 12.35
274419082135801	GRADY SWEAT D. WELL NR FT. LONESOME	27 44 19	082 13 58	01	82-09-14	31.91
274454082165201	SW HILLS CO WELL 102A NR BALM	27 44 54	082 16 52	01	82-05-11 82-09-13	-3.62 22.80
274524082095401	WELL 745 209 2454	27 45 24	082 09 54	01	82-05-11 82-09-15	23.39 46.61
274543082234001	SW HILLS CO WELL 118 NR RUSKIN	27 45 43	082 23 40	01	82-09-14	11.40
274748082130201	SIMMONS FISH FARM	27 47 48	082 13 02	01	82-05-12 82-09-14	7.47 31.24
274813082223601	SW HILLS CO 182 NR ADAMSVILLE	27 48 13	082 22 36	01	82-05-11 82-09-14	0.85 8.10
274837082232901	KUSHNER WELL AT ADAMSVILLE, FLA	27 48 37	082 23 29	01	82-03-30 82-04-29 82-05-12	4.57 4.06 1.26
274919082225401	SO HILLS SH WELL 911	27 49 19	082 22 54	01	82-05-11 82-09-14	2.75 4.13
274955082103801	MAIDEN HEAD DAIRY D. WELL NR LITHIA	27 49 55	082 10 38	01	82-05-12 82-09-15	25.53 44.00
275017082054501	WELL 750 205 1745	27 50 17	082 05 45	01	82-05-11 82-09-14	45.94 62.08
275045082223301	SW HILLS CO 248 NR GIBSONTON	27 50 45	082 22 33	01	82-05-11 82-09-14	-4.00 -0.75
275117082090001	-BLACK & TURNER	27 51 17	082 09 00	01	82-05-11 82-09-14	34.91 51.38
275210082171001	MCMULLEN CAMPGROUND SO E RIVERVIEW FLA	27 52 10	082 17 10	01	82-05-11	8.50
275227082310101	ROBINSON HIGH SCHOOL STADIUM D. WELL AT TAMPA,FL	27 52 27	082 31 01	01	82-05-10 82-09-13	-0.18 1.32
275316082232101	CHANCEY NR GIBSONTON	27 53 16	082 23 21	01	82-05-10 82-09-14	-2.40 -0.70
275316082285901	TAMPA YACHT AND RIDING STABLES AT BALLAST POINT	27 53 16	082 28 59	01	82-05-10 82-09-13	0.75 2.20
275322082034101	WELL 753 203 2241	27 53 22	082 03 41	01	82-05-11 82-09-14	50.37 69.58
275411082213201	PROGRESS VILLAGE 6 WELL NR RIVERVIEW	27 54 11	082 21 32	01	82-05-10 82-09-13	11.84 14.55
275413082114301	LEWIS IRR WELL DURANT RD NR BRANDON	27 54 13	082 11 43	01	82-05-11 82-09-14	19.01 24.71
275526082301301	PLANT HIGH SCHOOL STADIUM D.WELL AT TAMPA,FL	27 55 26	082 30 13	01	82-05-10 82-09-13	9.06 11.67
275603082175001	OAKFIELD DR DP NR BRNDN	27 56 03	082 17 50	01	82-05-10 82-09-13	12.66 15.77
275626082210701	NICK RUSSO D. WELL SR 60 NR TAMPA	27 56 26	082 21 07	01	82-05-11 82-09-13	13.10 15.50
275634082305701	CLEVELAND AND HUBERT D WELL AT TAMPA,FL	27 56 34	082 30 57	01	82-05-10 82-09-13	0.67 3.60

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HILLSBOROUGH						
275808082073001	COONE D. WELL SR 39 NR PLANT CITY	27 58 08	082 07 30	01	82-05-11 82-09-14	65.67 78.68
275811082161601	OAK FOREST DP AT BRANDON	27 58 11	082 16 16	01	82-05-10 82-09-13	16.15 19.09
275853082181801	HOLT DP NR MANGO	27 58 53	082 18 18	01	82-05-10 82-09-13	17.58 20.02
275900082034201	CROCKER D. WELL NR PLANT CITY	27 59 00	082 03 42	01	82-05-11 82-09-14	66.01 81.04
280029082355801	CHANNEL A D. WELL 22 NR TAMPA, FL	28 00 29	082 35 58	01	82-05-11 82-09-15	5.81 6.76
280029082355802	CHANNEL A S. WELL 23 NR TAMPA, FL	28 00 29	082 35 58	02	82-05-11 82-09-15	5.68 7.04
280034082362401	CHANNEL A D. WELL 38 NR TAMPA, FL	28 00 34	082 36 24	01	82-05-11 82-09-15	3.58 4.38
280042082142301	GRIFFIN 2 D. WELL NR DOVER	28 00 42	082 14 23	01	82-05-11 82-09-14	46.49 52.64
280047082362601	CHANNEL A D. WELL 26 NR TAMPA, FL	28 00 47	082 36 26	01	82-05-11	5.69
280058082362303	CHANNEL A D. WELL 02 NR TAMPA, FL	28 00 58	082 36 23	03	82-05-11 82-09-15	3.13 4.21
280058082362401	CHANNEL A D. WELL 36 NR TAMPA, FL	28 00 58	082 36 24	01	82-05-11 82-09-15	6.14 7.12
280058082362402	CHANNEL A S. WELL 37 NR TAMPA, FL	28 00 58	082 36 24	02	82-05-11 82-09-15	2.68 3.64
280117082322701	CITY OF TAMPA D. WELL AT TAMPA, FL	28 01 17	082 32 27	01	82-05-11 82-09-14	16.17 18.67
280118082103001	DUYCK D. WELL US 92 NR PLANT CITY	28 01 18	082 10 30	01	82-05-11 82-09-14	68.92 76.81
280128082352801	CHANNEL A D. WELL 07 NR TAMPA, FL	28 01 28	082 35 28	01	82-05-11 82-09-15	6.91 9.36
280129082314701	CITY OF TAMPA D. WELL AT TAMPA, FL	28 01 29	082 31 47	01	82-05-11 82-09-14	15.61 18.22
280253082164001	WELL 802216534001	28 02 53	082 16 40	01	82-05-12 82-09-17	24.49 28.41
280314082345902	ST PETE S. WELL E-104 NR CITRUS PK	28 03 14	082 34 59	02	82-05-10 82-09-13	21.32 23.21
280316082345801	ST PETERSBURG E-104 D. WELL NR CITRUS PK, FL	28 03 16	082 34 58	01	82-05-10 82-09-13	19.00 22.13
280350082104401	FISHER D. WELL NR PLANT CITY	28 03 50	082 10 44	01	82-05-11 82-09-14	78.97 84.65
280409082160401	KELSO RD S. WELL 519 NR THONOTOSASSA, FL	28 04 09	082 16 04	01	82-05-12 82-09-17	34.51 35.75
280413082061401	QUAGLIANI D. WELL NR PLANT CITY	28 04 13	082 06 14	01	82-05-11 82-09-14	86.98 92.37
280420082285501	USGS D. WELL 402 NR LUTZ	28 04 20	082 28 55	01	82-05-10 82-09-14	35.38 41.63
280432082170901	THONOTOSASSA 2 D. WELL 518 AT THONOTOSASSA, FL	28 04 32	082 17 09	01	82-05-12	25.38
280438082075301	MARTIN M GRIFFIN RD	28 04 38	082 07 53	01	82-09-14	96.00
280502082322301	USGS S. WELL NR CITRUS PK, FL	28 05 02	082 32 23	01	82-05-11 82-09-14	45.92 47.84
280504082292301	USGS D. WELL 408 NR LUTZ	28 05 04	082 29 23	01	82-05-10 82-09-14	35.82 44.13
280543082220901	USGS S. WELL 512 NR TEMPLE TERRACE	28 05 43	082 22 09	01	82-05-12 82-09-17	27.20 30.51

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HILLSBOROUGH						
280559082353601	E. LAKE WF D. WELL 9 NR OLDSMAR, FL	28 05 59	082 35 36	01	82-05-10 82-09-13	35.42 38.98
280617082232701	USGS S. WELL 511 NR TEMPLE TERRACE	28 06 17	082 23 27	01	82-05-12 82-09-17	32.36 33.17
280618082351302	COSME WF S. WELL 5 NR CITRUS PARK	28 06 18	082 35 13	02	82-05-10 82-09-13	35.81 39.84
280621082254801	USGS S. WELL 510 NR TEMPLE TERRACE	28 06 21	082 25 48	01	82-05-12 82-09-16	41.43 46.08
280628082350402	COSME WF S. WELL 6 NR CITRUS PK	28 06 28	082 35 04	02	82-02-12 82-02-12 82-05-10 82-05-21 82-09-13	35.24 35.53 35.00 34.50 38.46
280632082301001	USGS S. WELL 422 NR LUTZ	28 06 32	082 30 10	01	82-05-10 82-09-13	51.67 55.67
280635082301001	USGS S. WELL 423 NR LUTZ	28 06 35	082 30 10	01	82-05-10 82-09-13	50.28 54.46
280643082301001	USGS S. WELL 425 NR LUTZ	28 06 43	082 30 10	01	82-05-10 82-09-13	49.22 53.89
280643082353101	CRAWLEY S. WELL 321 NR CITRUS PK	28 06 43	082 35 31	01	82-05-10 82-09-13	37.63 42.19
280646082285901	USGS D. WELL 429 NR LUTZ	28 06 46	082 28 59	01	82-05-10 82-09-13	48.20 52.90
280646082285902	USGS S. WELL 429 NR LUTZ	28 06 46	082 28 59	02	82-09-13	52.89
280647082354301	CRAWLEY RD S. WELL 317 NR CITRUS PK	28 06 47	082 35 43	01	82-05-10 82-09-13	36.44 41.05
280648082301602	USGS S. WELL 433 NR LUTZ	28 06 48	082 30 16	02	82-05-10 82-09-13	46.46 53.44
280648082302002	USGS S. WELL 431 NR LUTZ	28 06 48	082 30 20	02	82-05-10	47.45
280648082302601	USGS D. WELL 433 NR LUTZ	28 06 48	082 30 26	01	82-05-10 82-09-13	36.15 44.22
280650082301401	USGS D. WELL 466 NR LUTZ	28 06 50	082 30 14	01	82-05-10 82-09-13	40.13 46.50
280650082301402	USGS S. WELL 466 NR LUTZ	28 06 50	082 30 14	02	82-05-10 82-09-13	48.45 54.29
280651082352002	MOBLEY RD S. WELL 318 NR CITRUS PK	28 06 51	082 35 20	02	82-05-10 82-09-13	36.90 42.23
280651082382201	USGS S. WELL 117 NR CITRUS PK	28 06 51	082 38 22	01	82-05-10 82-09-13	24.42 27.14
280657082305801	SEC 21 D WELL 3 NR LUTZ	28 06 57	082 30 58	01	82-02-11 82-05-10 82-05-20 82-09-13	37.20 33.98 31.58 41.72
280659082280201	USGS S. WELL 437 NR LUTZ	28 06 59	082 28 02	01	82-05-10 82-09-13	53.54 57.80
280708082310001	SECTION 21 WF D. WELL 442 NR LUTZ	28 07 08	082 31 00	01	82-05-10	26.97
280710082325601	TOBACCO RD D. WELL 445 NR CITRUS PK	28 07 10	082 32 56	01	82-05-11 82-09-14	45.93 49.17
280710082325602	TOBACCO RD S. WELL 445 NR CITRUS PK	28 07 10	082 32 56	02	82-05-11 82-09-14	48.24 50.46
280712082300902	USGS S. WELL 449 NR LUTZ	28 07 12	082 30 09	02	82-09-13	55.24

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STATION NUMBER	STATION NAME	LAT-I-TUDE	LONG-I-TUDE	SEQ. NO.	DATE OF SAMPLE	ELEVATION (FT. NGVD)
HILLSBOROUGH						
280727082303802	SECTION 21 WF S. WELL 455 NR LUTZ	28 07 27	082 30 38	02	82-05-10 82-09-13	45.63 49.72
280727082304401	SECTION 21 WF D. WELL 455 NR LUTZ	28 07 27	082 30 44	01	82-05-10	35.22
280728082301103	ST PETE 21-7 S. WELL NR LUTZ	28 07 28	082 30 11	03	82-05-10 82-09-13	49.65 43.85
280732082342802	COSME WF S. WELL 25 NR CITRUS PARK	28 07 32	082 34 28	02	82-05-10 82-09-13	47.14 51.13
280734082313301	SEC 21 GOODWIN WELL NR LUTZ	28 07 34	082 31 33	01	82-05-11 82-09-13	34.52 43.02
280737082184101	MORRIS BRIDGE WF D. WELL 9 NR BRANCHTON	28 07 37	082 18 15	01	82-05-12 82-09-17	31.62 35.81
280738082282701	BRANT LAKE D. WELL 472 NR LUTZ	28 07 38	082 28 27	01	82-05-10 82-09-13	50.44 55.30
280738082302001	SEC 21 D WELL 6 NR LUTZ	28 07 38	082 30 20	01	82-02-11 82-05-20	41.51 36.59
280738082302701	SECTION 21 WF S. WELL 21-5A NR LUTZ	28 07 38	082 30 27	01	82-02-11 82-05-10 82-05-20 82-09-13	51.21 51.35 50.54 54.83
280738082303401	SECTION 21 WF D. WELL 459 NR LUTZ	28 07 38	082 30 34	01	82-05-10	33.33
280740082301201	SECTION 21 WF D. WELL 468 NR LUTZ	28 07 40	082 30 12	01	82-05-10 82-09-13	36.88 43.23
280740082310201	SECTION 21 WF D. WELL 462 NR LUTZ	28 07 40	082 31 02	01	82-05-10	35.50
280744082342702	COSME WF S. WELL 313 NR CITRUS PARK	28 07 44	082 34 27	02	82-05-10 82-09-13	51.34 55.89
280831082365101	TARPON RD D. WELL 340 NR CITRUS PK	28 08 31	082 36 51	01	82-05-10 82-09-13	23.44 29.67
280831082365801	TARPON RD S. WELL 336 NR CITRUS PK	28 08 31	082 36 58	01	82-05-10 82-09-13	37.29 39.02
280917082210801	USGS S. WELL 504 AT PEBBLE CREEK	28 09 17	082 21 08	01	82-05-12 82-09-16	48.77 50.43
280925082324601	LUTZ LK FERN S. WELL 216 NR CITRUS PK	28 09 25	082 32 46	01	82-05-10 82-09-13	55.10 56.29
280926082162102	MORRIS BRIDGE SH WELL 532 NR BRANCHTON	28 09 26	082 16 21	02	82-05-12 82-09-16	44.61 47.80
281002082254101	USGS S.WELL 503 NR ZEPHYRHILLS,FLA	28 10 02	082 25 41	01	82-05-12 82-09-16	67.53 69.79
LAKE						
282318081544003	GREEN SWAMP AQUIFER TEST LK751W	28 23 18	081 54 40	03	82-05-18	101.80
282318081544006	GREEN SWAMP CORE HOLE LK753W	28 23 18	081 54 40	06	82-05-18	102.00
282532081511801	82515101 24S25E06 JACK M BARRY	28 25 32	081 51 18	01	82-05-12 82-09-21	103.92 107.03
282823081500401	82815001 23S25E20 D D GAFFNEY	28 28 23	081 50 04	01	82-05-11 82-09-13	102.49 103.93
282833081544201	82815402 23S24E21 BROWN	28 28 33	081 54 42	01	82-05-11 82-09-13	96.12 97.38
285424031541601	LADY LK MOBILE HOME PK	28 54 24	081 54 16	01	82-05-14 82-09-20	56.22 62.61
LEVY						
290118082364101	90123601 17S17E05 CE 70 USGS AT INGLIS LOCK	29 01 18	082 36 41	01	82-04-23 82-09-09	20.52 23.68
290301082335601	90323301 16S17E35 DEL WRIGHT CORRAL	29 03 01	082 33 56	01	82-05-11 82-09-13	49.99 53.55
290344082405601	90324001 16S16E27 HUNT CAMP	29 03 44	082 40 56	01	82-05-11	8.68
290503082323101	90523201 16S17E13 SCE 108 T & J RANCH	29 05 03	082 32 31	01	82-05-11 82-09-13	70.18 73.20
290605082372601	90623701 16S17E07 GEOTHE ROAD	29 06 05	082 37 26	01	82-05-11 82-09-13	27.85 30.45

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STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF SAMPLE	ELEV- ATION (FT. NGVD)
LEVY						
290621082332901	90623301 16S17E11 SCE 112 J T GEOTHE CO	29 06 21	082 33 29	01	82-05-11 82-09-13	68.49 71.12
291004082382901	91023801 15S16E24 910238433 DIXIE LIME PR	29 10 04	082 38 29	01	81-11-03 82-05-11 82-09-13 82-09-28	23.07 23.82 25.19 27.84
291250082341901	91223401 15S17E03 NORMA CARVER	29 12 50	082 34 19	01	82-05-11 82-09-13	45.56 47.88
291654082263101	91622602 14S19E07 MORRISTON MASONIC TEMPLE	29 16 54	082 26 31	01	82-05-12	48.18
291712082351801	SOUTH OF BONSON-RO	29 17 12	082 35 18	01	82-05-11 82-09-13 82-09-28	46.16 52.19 52.49
292143082282201	92122801 13S18E11 WILLISTON AIRPORT	29 21 43	082 28 22	01	82-05-11 82-09-13	48.35 50.19
292307082313901	92323101 13S18E05 BULLOCK & HUBER	29 23 07	082 31 39	01	82-05-11 82-09-13	49.22 52.40
292310082373701	ERCELL SMITH	29 23 10	082 37 37	01	81-11-03 82-05-11 82-09-13	52.76 54.28 58.31
292615082272601	ROMP 134 NEAR WILLISTON, FL	29 26 15	082 27 26	01	82-05-11 82-09-13	48.50 54.32
292640082381201	92623801 12S17E17 926238241 HARDEE HOTEL	29 26 40	082 38 12	01	81-11-03 82-05-11 82-09-13 82-09-28	48.67 52.38 56.93 54.52
MANATEE						
271450082035801	WELL 714-203-5058	27 14 50	082 03 58	01	82-05-10 82-09-16	37.66 42.43
271928082125501	TRIPLE D RANCH D. WELL NR MYAKKA CITY, FL	27 19 28	082 12 55	01	82-05-11	21.66
272101082101201	MCCLEOD, 20-10-1 WELL	27 21 01	082 10 12	01	82-05-11	41.40
272301082145901	CLOVERDALE FARM D. WELL NR VERNA, FL	27 23 01	082 14 59	01	82-05-11 82-09-15	13.80 29.07
272412082303601	LOCKWOOD RD (BARTH) D. WELL NR BRADENTON	27 24 12	082 30 36	01	82-05-12	12.44
272423082051901	PARKS D. WELL NR MYAKKA HEAD, FL	27 24 23	082 05 19	01	82-05-11 82-09-15	25.90 36.90
272445082214101		27 24 45	082 21 41	01	82-05-12 82-09-14	4.17 18.47
272523082033601	HORACE GOUGH WELL NR MYAKKA HEAD, FL	27 25 23	082 03 36	01	82-05-12 82-09-15	25.10 42.15
272647082181401	RAY ANDERSON WELL AT WATERBURY	27 26 47	082 18 14	01	82-05-12 82-09-15	3.09 19.50
272731082414601	ANNA MARIA 1 D. WELL AT BRADENTON BEACH, FL	27 27 31	082 41 46	01	82-05-13 82-09-14	15.93 16.88
272735082083401	USGS D. WELL NR MYAKKA HEAD, FL	27 27 35	082 08 34	01	82-05-11 82-09-15	17.18 36.57
272824082372901	59TH. ST D. WELL AT BRADENTON	27 28 24	082 37 29	01	82-05-13 82-09-14	15.62 19.17
272905082264301	SR 64 D. WELL NR BRADENTON	27 29 05	082 26 43	01	82-05-12 82-09-14	6.02 18.81
273000082082901	BEKER W-2 NR MYAKKA HEAD	27 30 00	082 08 29	01	82-05-14 82-09-16	14.82 36.37
273039082175301	RUTLAND-OAK KNOLL WELL	27 30 39	082 17 53	01	82-09-15	24.20

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MANATEE						
273109082142501	KIBLER N. WELL	27 31 09	082 14 25	01	82-05-12	6.58
273134082344601	MANATEE FAIRGROUNDS AT PALMETTO	27 31 34	082 34 46	01	82-05-12 82-09-14	12.83 16.33
273159082373101	SNEADS ISLAND D. WELL AT PALMETTO	27 31 59	082 37 31	01	82-05-13 82-09-13	14.75 18.55
273255082072601	SWIFT-AVON PARK ON DUETTE RD NR DUETTE	27 32 55	082 07 26	01	82-05-10 82-09-13	28.03 48.81
273259082221401	KOEHLER WELL ON RYR RD NR PARRISH	27 32 59	082 22 14	01	82-05-12 82-09-14	2.02 19.55
273321082314001	SR 683 D. WELL NR PALMETTO	27 33 21	082 31 40	01	82-05-12 82-09-14	9.39 18.98
273536082260301	GRIFFIN D. WELL AT PARRISH	27 35 36	082 26 03	01	82-05-12 82-09-14	3.28 18.92
273605082071101	BUSBY D. WELL ON DUETTE RD AT DUETTE	27 36 05	082 07 11	01	82-05-10 82-09-13	30.39 51.63
273629082090701	AVON PARK NORTH TEST HOLE-SWIFT	27 36 29	082 09 07	01	82-05-10 82-09-13	24.96 46.52
273731082270301	BUCKEYE RD BEND WELL NR PARRISH	27 37 31	082 27 03	01	82-05-12 82-09-14	1.41 17.60
273824082203201	SW HILLS CO 2 NR WIMAUMA	27 38 24	082 20 32	01	82-05-10 82-09-14	-1.00 19.60
MARION						
285933082192501	85921901 17S20E20 CE 24 U S GEOL SURVEY	28 59 33	082 19 25	01	82-05-12 82-09-14	38.68 45.02
290103082104501	90121001 17S21E14 MARION OAKS NO 2	29 01 03	082 10 45	01	82-05-12 82-09-14	46.29 50.50
290130082082001	90120801 USGS OB WELL CE35 NR PEDRO FL	29 01 30	082 08 20	01	82-04-22 82-05-10 82-09-08	47.88 48.29 52.68
290132082133001	90121301 17S21E08 USGS OB WELL CE78 NR PEDRO FL	29 01 32	082 13 30	01	82-04-22 82-05-12 82-09-08 82-09-14	45.72 46.57 50.04 50.07
290227082250801	90222501 16S19E31 CE 75 U S GEOL SURVEY	29 02 27	082 25 08	01	82-05-12 82-09-14	51.28 59.44
290238082120901	90221201 17S21E03 SCE 168 CORPS OF ENGINEERS	29 02 38	082 12 09	01	82-05-12 82-09-14	46.83 50.78
290312032190601	90321901 16S20E33 CE 22 U S GEOL SURVEY	29 03 12	082 19 06	01	82-04-22 82-05-12 82-09-08 82-09-14	46.93 47.18 53.70 54.56
290325032283701	90322802 16S18E27 AK:54 WELL NEAR VOGT SPRINGS	29 03 25	082 28 37	01	82-05-11 82-09-13	41.06 43.62
290400082091001	90420901 USGS OB WELL CE33 NR OCALA FL	29 04 00	082 09 10	01	82-04-22 82-05-10 82-09-08	46.43 47.20 50.22
290421032190801	90421901 16S20E28 CE 21 U S GEOL SURVEY	29 04 21	082 19 08	01	82-05-12 82-09-14	45.69 50.20
290447082250901	90422501 16S19E20 CE 13 U S GEOL SURVEY	29 04 47	082 25 09	01	82-04-22 82-05-12 82-09-08 82-09-14	34.25 33.26 36.70 37.86
290552082044701	90520401 USGS WELL CE81 WOLF SINK NR SANTOS, FL	29 05 52	082 04 47	01	82-04-23 82-05-14 82-09-08 82-09-13	46.92 46.72 50.31 50.37

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MARION						
290614082274801	90622701 16S18E11 SCE 170 RAINBOWS END GOLF CRS	29 06 14	082 27 48	01	82-05-11 82-09-14	33.92 36.39
290739082245701	90722401 15S19E32 CE 12 U S GEOL SURVEY	29 07 39	082 24 57	01	82-05-11 82-09-14	35.89 38.52
290752082271101	90722701 15S18E35 SCE 116 RAINBOW ACRES	29 07 52	082 27 11	01	82-05-11 82-09-14	35.90 38.69
290800082115001	90821101 16S21E03 SCE 117 BONNIE HEATH	29 08 00	082 11 50	01	82-05-13 82-09-14	47.59 50.59
290820082032001	90820301 USGS OB WELL CE39 NR OCALA FL	29 08 20	082 03 20	01	82-04-22 82-09-08	46.07 48.41
290822082310101	90823101 15S18E32 LAKE BONABLE	29 08 22	082 31 01	01	82-05-12 82-09-14	44.18 50.32
290910082315001	90923101 15S18E30 SCE 138 LITTLE LAKE BONABLE	29 09 10	082 31 50	01	82-05-12 82-09-14	45.03 51.51
290913082245601	90922401 15S19E29 SCE 118 LAKE TROPICANA	29 09 13	082 24 56	01	82-05-12 82-09-14	38.62 40.26
290951082211201	90922101 15S19E25 SCE 173 RAINBOW PARK ESTATES	29 09 51	082 21 12	01	82-05-12 82-09-14	43.89 48.66
290953082031301	90920301 USGS OB WELL CE79 NR SILVER SPRINGS, FL	29 09 53	082 03 13	01	82-04-22 82-05-10 82-09-08	45.67 45.23 47.44
291015081385001	91013801 15S26E DOT 49	29 10 15	081 38 50	01	82-05-11 82-09-14	37.90 39.55
291056082263201	91022601 15S18E13 HERSHEL KYPER ROMEO	29 10 56	082 26 32	01	82-05-12 82-09-14	41.01 44.99
291140082052701	91120501 USGS OB WELL CE80 AT OCALA FL	29 11 40	082 05 27	01	82-04-22 82-05-10 82-09-08	43.93 43.40 45.27
291240082034001	91220301 15S22E01 SCE124	29 12 40	082 03 40	01	82-05-10 82-09-13	42.72 44.63
291241082300101	91223001 15S18E04 PETTYJOHN-BOOM IRR.	29 12 41	082 30 01	01	82-05-12 82-09-14	43.84 47.77
291303082220401	91322201 14S19E36 IMA WORM WELL AT EARLY BIRD	29 13 03	082 22 04	01	82-05-12 82-09-14	45.03 48.78
291310082045001	91320401 USGS OB WELL CE45 AT SILVER SPRINGS, FL	29 13 10	082 04 50	01	82-04-22 82-05-10 82-09-08	45.11 44.35 46.08
291600081550001	91615501 USGS OB WELL CE55 NR SALT SPRINGS, FL	29 16 00	081 55 00	01	82-04-22 82-05-11 82-09-08	45.34 45.75 48.43
291728081390501	91713901 14S26E12 UNKNOWN	29 17 28	081 39 05	01	82-05-14 82-09-14	13.18 14.38
291738082115301	91721102 14S21E10 CE 30A	29 17 38	082 11 53	01	82-05-10 82-09-13	47.10 50.15
291750081494001	917149 14S25E06 C E 56	29 17 50	081 49 40	01	82-05-11 82-09-14	32.29 35.98
292100081435001	921143 13S26E19 SCE 34	29 21 00	081 43 50	01	82-05-11 82-09-14	5.79 7.27
292101082233601	92122301 13S19E15 HOMESTEADER NURSERY	29 21 01	082 23 36	01	82-05-11 82-09-13	49.10 51.97
292146082182501	92121801 13S20E09 SR 316 WELL SRWMD	29 21 46	082 18 25	01	82-05-11 82-09-13	47.93 50.86
292205082022901	922202-- 13S23E18 FT MCCOY FIRE TOWER	29 22 05	082 02 29	01	82-05-10 82-09-14	53.02 56.36
292256082164001	92221601 13S20E12 922216121 L K EDWARDS	29 22 56	082 16 40	01	82-05-11 82-09-13	50.72 54.15
292349082191501	92321901 12S20E33 E H UPDIKE	29 23 49	082 19 15	01	82-05-11 82-09-13	48.06 51.26
292713082202601	92722001 12S20E18 MAHAFFEY WELL	29 27 18	082 20 26	01	82-05-11 82-09-13	52.75 54.52
292816082234501	92822301 12S19E03 SMITH BROTHERS WACAHOOTA	29 28 16	082 23 45	01	82-05-11 82-09-13	53.15 58.31

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PASCO						
281023032450701	COASTAL PASCO D. WELL 13 NR NEW PORT RICHEY, FL	28 10 23	082 45 07	01	82-05-12 82-09-15	1.87 3.27
281025082312401	SIERRA PINES D. WELL 218 NR LUTZ	28 10 25	082 31 24	01	82-05-10 82-09-13	43.57 50.27
281041082304101	PASCO WF D. WELL E. OF 43 NR LAND O' LAKES	28 10 41	082 30 41	01	82-05-10 82-09-13	43.64 49.98
281046032470801	FPC WELL NO 1 NR TARPON SGS, FLA	28 10 46	082 47 08	01	82-05-12 82-09-15	0.16 1.28
281046082470802	FPC WELL NO 2 NR TARPON SGS, FLA	28 10 46	082 47 08	02	82-05-12 82-09-15	1.40 2.48
281047082154401	BLANZ DP NR BRANCHTN	28 10 47	082 15 44	01	82-05-13 82-09-16	66.15 67.72
281056082303301	PASCO WELLFIELD ODESSA # 233 DEEP	28 10 56	082 30 33	01	82-05-10 82-09-13	50.67 55.91
281056082303302	PASCO WF S. WELL 233 NR LAND O' LAKES	28 10 56	082 30 33	02	82-05-10 82-09-13	34.64 58.79
281057082301301	PASCO WELLFIELD ODESSA # 232 DEEP	28 10 57	082 30 13	01	82-05-10 82-09-13	49.09 53.04
281057082301302	PASCO WELLFIELD ODESSA # 232 SHALLOW	28 10 57	082 30 13	02	82-05-10 82-09-13	55.72 60.47
281104082310401	PASCO WF D. WELL P-4 NR LAND O' LAKES	28 11 04	082 31 04	01	82-05-10 82-09-13	43.51 47.10
281106082312201	PASCO WF S. WELL 230 NR LAND O' LAKES	28 11 06	082 31 22	01	82-05-10 82-09-13	56.42 59.60
281109082314401	BOONE D. WELL 221 NR LUTZ	28 11 09	082 31 44	01	82-05-10 82-09-13	45.51 49.71
281112082211301	IMMER DP NR PEBLE CR	28 11 12	082 21 13	01	82-05-13 82-09-16	53.91 56.83
281118082305901	PASCO WF PROD WELL 49 NR LAND O' LAKES	28 11 18	082 30 59	01	82-02-11 82-05-10 82-05-20 82-09-13	45.38 43.25 53.66 49.36
281120082302701	PASCO WF D. WELL 220 NR LUTZ	28 11 20	082 30 27	01	82-05-10	48.42
281126082305701	PASCO WF S. WELL 231 NR LUTZ	28 11 26	082 30 57	01	82-09-13	60.63
281129082273601	WOODWARD D. WELL 214 NR LUTZ	28 11 29	082 27 36	01	82-05-10 82-09-13	61.51 64.51
281137082352801	USGS S. WELL 302 AT ODESSA	28 11 37	082 35 28	01	82-05-10 82-09-13	46.82 50.48
281139082315301	SR 54 S. WELL 215 NR LUTZ	28 11 39	082 31 53	01	82-09-13	56.07
281155082235401	KING DP NR LUTZ	28 11 55	082 23 54	01	82-05-13 82-09-15	56.11 57.81
281157082304101	PASCO WF S. WELL 227 NR LAND O' LAKES	28 11 57	082 30 41	01	82-05-10	56.35
281222082384301	STARKEY STOCK D. WELL 700 NR ODESSA	28 12 22	082 38 43	01	82-05-10 82-09-13	20.70 26.90
281222082384302	STARKEY S. WELL 700 NR ODESSA	28 12 22	082 38 43	02	82-05-10 82-09-13	25.77 30.52
281244082320302	USGS S. WELL 744 NR ODESSA	28 12 44	082 33 03	02	82-05-11 82-09-14	47.63 49.89
281254082291201	BEXLEY S. WELL 224 NR LAND O' LAKES	28 12 54	082 29 12	01	82-05-10 82-09-13	61.90 66.44
281258082161301	WILLIAMS DP NR W CHP	28 12 58	082 16 13	01	82-05-13 82-09-16	80.17 82.07
281309082311302	BEXLEY S. WELL 743 NR LAND O' LAKES	28 13 09	082 31 13	02	82-05-11 82-09-14	54.81 57.49
281314032380601	STARKEY PICNIC AREA D. WELL 745 NR ODESSA	28 13 14	082 38 06	01	82-05-10 82-09-13	21.66 27.48

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PASCO						
281321082294201	BEXLEY D. WELL 225 NR LAND O' LAKES	28 13 21	082 29 42	01	82-05-11 82-09-14	59.57 62.93
281403082254201	COVINGTON WELL	28 14 03	082 25 42	01	82-05-13	60.02
281434082260801	COVINGTON 2 D. WELL 858 NR DREXEL	28 14 34	082 26 08	01	82-05-13 82-09-14	65.75 67.62
281435082221301	ANGUS VALLEY 3 D. WELL 860 NR DREXEL	28 14 35	082 22 13	01	82-05-13 82-09-15	64.10 61.60
281437082271401	NININGER D. WELL 857 AT DREXEL	28 14 37	082 27 14	01	82-05-13 82-09-14	70.49 73.51
281448082301802	BEXLEY 2 S. WELL 708 NR DREXEL	28 14 48	082 30 18	02	82-05-11 82-09-14	64.63 67.63
281513082222201	ANGUS VALLEY 2 D. WELL 954 NR DREXEL	28 15 13	082 22 22	01	82-05-13 82-09-15	63.05 66.62
281520082314502	BEXLEY S. WELL 734 NR DREXEL	28 15 20	082 31 45	02	82-09-14	59.25
281526082255701	COVINGTON 4 D. WELL 856 NR DREXEL	28 15 26	082 25 57	01	82-09-14	69.34
281548082220601	815 222	28 15 48	082 22 06	01	82-05-13 82-09-15	62.18 68.65
281549082204001	MURPHY D. WELL 852 NR SAN ANTONIO	28 15 49	082 20 40	01	82-05-13 82-09-15	69.19 73.07
281558082264602	PASCO 13 S. WELL 804 NR DREXEL	28 15 58	082 26 46	02	82-05-10 82-09-13	74.12 76.85
281609082242901	CYPRESS CR 1 D. WELL 805 NR DREXEL	28 16 09	082 24 29	01	82-05-10 82-09-13	54.11 59.91
281615082242501	CYPRESS CR2 S. WEL NR DREXEL	28 16 15	082 24 25	01	82-05-10 82-09-13	65.36 67.58
281631082261601	CATCHING'S D. WELL 849 NR DREXEL	28 16 31	082 26 16	01	82-05-12 82-09-15	68.10 72.00
281636082230501	SPRINGER D. WELL 847 NR DREXEL	28 16 36	082 23 05	01	82-09-15	62.01
281637082233501	CYPRESS CR WF D. WELL 829 NR DREXEL	28 16 37	082 23 35	01	82-05-10 82-09-13	49.96 56.58
281637082233502	CYPRESS CR WF S. WELL 829 NR DREXEL	28 16 37	082 23 35	02	82-05-10 82-09-13	66.02 68.30
281641082240201	CYPRESS CREEK WF C-10 DEEP	28 16 41	082 24 02	01	82-09-13	57.02
281641082240202	CYPRESS CREEK WF C-10 SUPPLY	28 16 41	082 24 02	02	82-05-10 82-09-13	47.08 57.02
2816420822440201	COASTAL PASCO D. WELL 04 AT PORT RICHEY, FL	28 16 42	082 44 02	01	82-05-12 82-09-15	0.74 1.96
281648082430201	COASTAL PASCO D. WELL 05 AT PORT RICHEY, FL	28 16 48	082 43 02	01	82-05-12 82-09-15	5.27 7.57
281654082201601	CARR D. WELL 846 NR SAN ANTONIO	28 16 54	082 20 16	01	82-05-13 82-09-16	75.94 80.91
281656082251202	816 225 02	28 16 56	082 25 12	02	82-05-10 82-09-13	59.71 62.65
281657082303302	BEXLEY S. WELL 733 NR DREXEL	28 16 57	082 30 33	02	82-05-11 82-09-14	65.34 66.70
281659082282801	CONNER DP NR LN O LK	28 16 59	082 28 28	01	82-05-13 82-09-14	72.15 74.78
281704082085201	81720801 25S22E30 RICHLAND BAPTIST CHURCH	28 17 04	082 08 52	01	82-05-10 82-09-13	66.18 68.71
281723082231201	CYPRESS CR WF S. WELL 827 NR DREXEL	28 17 23	082 23 12	01	82-09-13	68.13

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PASCO						
281723082234601	CYPRESS CR WF D. WELL 826 NR DREXEL	28 17 23	082 23 46	01	82-05-10 82-09-13	49.35 55.81
281723082234602	CYPRESS CR WF S. WELL 826 NR DREXEL	28 17 23	082 23 46	02	82-05-10 82-09-13	62.04 63.99
281745082255001	STARLING D. WELL 809 NR DREXEL	28 17 45	082 25 50	01	82-05-12	68.51
281748082225301	CYPRESS CR WF D. WELL E-108 NR DREXEL	28 17 48	082 22 53	01	82-05-10 82-09-13	51.96 57.39
281748082225302	CYPRESS CR WF S. WELL E-108 NR DREXEL	28 17 48	082 22 53	02	82-05-10 82-09-13	64.90 69.13
281801082225101	CYPRESS CR WF D. WELL E-107 NR DREXEL	28 18 01	082 22 51	01	82-05-10 82-09-13	53.61 58.86
281801082225102	CYPRESS CR WF S. WELL E-107 NR DREXEL	28 18 01	082 22 51	02	82-05-10 82-09-13	65.37 70.02
281809082224401	CYPRESS CR WF D. WELL E-106 NR DREXEL	28 18 09	082 22 44	01	82-05-10 82-09-13	59.50 64.20
281809082224402	CYPRESS CR WF 4" WELL AT E-106 NR DREXEL	28 18 09	082 22 44	02	82-05-10 82-09-13	59.54 62.15
281809082224403	CYPRESS CR WF S. WELL E-106 NR DREXEL	28 18 09	082 22 44	03	82-05-10 82-09-13	64.54 71.07
281828082223201	CYPRESS CREEK WF S. WELL 824 NR DREXEL	28 18 28	082 22 32	01	82-05-10 82-09-13	66.23 72.22
281844082224101	CYPRESS CR WF S. WELL 822 NR DREXEL	28 18 44	082 22 41	01	82-05-10 82-09-13	71.42 75.39
281850082221301	CYPRESS CR WF D. WELL 821 NR DREXEL	28 18 50	082 22 13	01	82-05-10 82-09-13	67.89 72.84
281850082221302	CYPRESS CR WF S. WELL 821 NR DREXEL	28 18 50	082 22 13	02	82-05-10 82-09-13	70.21 75.44
281930082093702	81920902 25S21E12 LYKES PASCO FERT 4-INCH	28 19 30	082 09 37	02	82-05-10 82-09-13	65.17 68.12
281943082241801	FT. KING RANCH 10 INCH WELL	28 19 43	082 24 18	01	82-05-12 82-09-15	72.88 73.71
281948082415301	WITHLACOOCHEE ELEC 01 AT BAYONET POINT, FL	28 19 48	082 41 53	01	82-05-12 82-09-15	1.16 2.22
281954082413401	PONDEROSA DEV D. WELL AT BAYONET POINT, FL	28 19 54	082 41 34	01	82-05-12 82-09-15	1.41 2.59
282005082153501	82021501 25S20E01 GOLF COURSE WELL	28 20 05	082 15 35	01	82-05-10 82-09-13	82.48 88.21
282036082300801	H. L. AND H. NURSERY	28 20 36	082 30 08	01	82-05-13	70.51
282108082290501	CROSSBAR WF N4S3 DEEP	28 21 08	082 29 05	01	82-05-10 82-09-13	68.54 72.64
282115082283701	CROSSBAR WF N-16 DEEP	28 21 15	082 28 37	01	82-05-10	67.74
282121082071101	82120702 24S22E32 CUMMER OFFICE WELL	28 21 21	082 07 11	01	82-05-10 82-09-13	72.43 75.24
282141082334901	HAYS RD S. WELL 751 NR GOWERS CORNER	28 21 41	082 33 49	01	82-09-17	39.96
282142082283701	CROSSBAR WF A DEEP	28 21 42	082 28 37	01	82-05-10 82-09-13	63.01 68.11
282142082283702	CROSSBAR WF A SHALLOW	28 21 42	082 28 37	02	82-05-10 82-09-13	69.50 70.90
282148082281801	CROSSBAR WF A-1 DEEP	28 21 48	082 28 18	01	82-05-11 82-09-13	60.68 68.88
282148082281802	CROSSBAR WF A-1 SHALLOW	28 21 48	082 28 18	02	82-05-11 82-09-13	66.88 71.14

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PASCO						
282153082085601	82120803 24S22E30 PARKER WELL	28 21 53	082 08 56	01	82-05-10 82-09-13	66.73 70.06
282154082142401	82121401 24S21E30 HAYCRAFT WELL	28 21 54	082 14 24	01	82-05-10 82-09-13	64.85 68.43
282154082280401	CROSSBAR WF A-2 DEEP	28 21 54	082 28 04	01	82-05-11 82-09-13	60.78 69.04
282154082280402	CROSSBAR WF A-2 SHALLOW	28 21 54	082 28 04	02	82-05-11 82-09-13	65.69 70.28
282207082271101	CROSSBAR WF A-3 DEEP	28 22 07	082 27 11	01	82-09-13	71.34
282207082271102	CROSSBAR WF A-3 SHALLOW	28 22 07	082 27 11	02	82-05-11 82-09-13	66.78 71.42
282221082103001	82221001 24S21E26 COLLURA WELL NO. 1	28 22 21	082 10 30	01	82-05-10 82-09-13	64.82 68.11
282228082222701	JOE GILMORE	28 22 28	082 22 27	01	82-09-15	78.45
282229082405801	COASTAL PASCO D. WELL 02 AT HUDSON, FL	28 22 29	082 40 58	01	82-05-12 82-09-15	3.28 2.89
282246082281601	CROSSBAR WF B DEEP	28 22 46	082 28 16	01	82-09-13	64.80
282246082281602	CROSSBAR WF B SHALLOW	28 22 46	082 28 16	02	82-05-10 82-09-13	60.77 67.97
282259082282802	CROSSBAR WF B-1 SHALLOW	28 22 59	082 28 28	02	82-05-11 82-09-13	59.24 67.04
282302082113401	82321101 24S21E22 RUG OUTLET WELL	28 23 02	082 11 34	01	82-05-10 82-09-13	63.58 67.09
282302082290301	CROSSBAR WF S-1 SHALLOW	28 23 02	082 29 03	01	82-05-11	58.49
282313082284301	CROSSBAR WF B-2 DEEP	28 23 13	082 28 43	01	82-05-11 82-09-13	55.64 62.04
282313082284302	CROSSBAR WF B-2 SHALLOW	28 23 13	082 28 43	02	82-05-11 82-09-13	57.39 65.29
282326082280901	CROSSBAR WF N4S2 DEEP	28 23 26	082 28 09	01	82-05-11 82-09-13	52.28 59.28
282326082285201	CROSSBAR WF B-3 DEEP	28 23 26	082 28 52	01	82-05-11 82-09-13	49.19 56.39
282326082285202	CROSSBAR WF B-3 SHALLOW	28 23 26	082 28 52	02	82-05-11 82-09-13	50.24 57.83
282330082290501	ROUAN FARMS 4 INCH BARN WELL	28 23 30	082 29 05	01	82-09-14	59.86
282408082274201	CROSSBAR WF C-1 DEEP	28 24 08	082 27 42	01	82-05-11 82-09-13	39.72 49.12
282410082271301	CROSSBAR WF C DEEP	28 24 10	082 27 13	01	82-09-13	52.47
282410082271302	CROSSBAR WF C SHALLOW	28 24 10	082 27 13	02	82-09-13	52.12
282411082261401	CROSSBAR WF C-3 DEEP	28 24 11	082 26 14	01	82-05-11	46.50
282413082263801	CROSSBAR WF C-2 DEEP	28 24 13	082 26 38	01	82-05-11	41.93
282417082271001	CROSSBAR WF N4S DEEP	28 24 17	082 27 10	01	82-05-11 82-09-13	38.63 51.29
282419082271202	CROSSBAR WF N-2 SHALLOW	28 24 19	082 27 12	02	82-09-13	49.43

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PASCO						
282428082134501	82421301 24S21E03 LEE WELL	28 24 28	082 13 45	01	82-05-10 82-09-13	63.51 67.00
282430082112101	82421102 24S21E10 SELF WELL	28 24 30	082 11 21	01	82-05-10 82-09-13	62.87 66.44
282430082271202	CROSSBAR WF N-1 SHALLOW	28 24 30	082 27 12	02	82-09-13	47.95
282434082200301	AIRSTREAM TRL PARK D. WELL 333 NR DARBY	28 24 34	082 20 03	01	82-05-12 82-09-15	65.82 76.43
282434082283601	D. A. SUTYAK	28 24 34	082 28 36	01	82-05-13 82-09-14	30.97 45.66
282441082271201	CROSSBAR WF N-12 DEEP	28 24 41	082 27 12	01	82-05-11 82-09-13	35.19 46.58
282441082271202	CROSSBAR WF N-12 SHALLOW	28 24 41	082 27 12	02	82-05-11 82-09-13	36.05 46.37
282454082382301	CARTER DP NR ARIPEKA	28 24 54	082 38 23	01	82-09-16	12.63
282459082271301	CROSSBAR WF N4N DEEP	28 24 59	082 27 13	01	82-05-10 82-09-13	34.61 44.77
282516082365501	LORE DP NR ARIPEKA	28 25 16	082 36 55	01	82-05-14 82-09-16	11.89 15.20
282534082222801	BARTHLE RANCH D. WELL 818 NR DARBY	28 25 34	082 22 28	01	82-05-12 82-09-15	49.15 58.94
282536082233101	-STAGECOACH RANCH	28 25 36	082 23 31	01	82-05-12 82-09-15	52.54 64.13
282552082181201	82521801 24S20E04 EMMET EVANS WELL AT DIXIE	28 25 52	082 18 12	01	82-05-12 82-09-15	75.15 86.10
282552082314201	GOOCH DP NR MASARKTN	28 25 52	082 31 42	01	82-05-14 82-09-16	27.14 33.68
282717082142001	82721401 23S21E30 ROSSINI WELL WEST OF TRILBY	28 27 17	082 14 20	01	82-05-10 82-09-13	55.64 59.64
282816082123701	82821201 23S21E21 TOMKOW HAY BARN WELL	28 28 16	082 12 37	01	82-05-10 82-09-13	51.84 56.38
PINELLAS						
273655082440901	FT DESOTO DEEP AT FT DESOTO PARK, FL	27 36 55	082 44 09	01	82-05-13 82-09-14	8.84 10.29
273907082403701	SKYWAY NORTH WELL	27 39 07	082 40 37	01	82-05-13 82-09-14	12.86 14.31
274259082410205	WELL NUMBER 85 SW ST PETERSBURG MON 396	27 42 59	082 41 02	05	82-05-11 82-09-15	10.71 12.46
274323082374301	COQUINA KEY ARMS	27 43 23	082 37 43	01	82-05-12 82-09-15	7.07 8.02
274443082422901	HOYT PARK DP WELL NR GULFPORT	27 44 43	082 42 29	01	82-09-14	8.29
274514082454501	ANDY MANN RESIDENCE	27 45 14	082 45 45	01	82-05-12	4.38
274614082425205	WELL NUMBER 85 BEAR CR INJ MONITOR 300	27 46 14	082 42 52	05	82-05-11	6.68
274624082383701	WELL 7462382437	27 46 24	082 38 37	01	82-05-11 82-09-14	5.60 7.38
274652082432201	WELL NUMBER S10 DIOCESE OF ST PETERSBURG	27 46 52	082 43 22	01	82-09-14	4.22
274848082461201	WAR VETS MEM PK DP WELL #1 NR SEMINOLE	27 48 48	082 46 12	01	82-05-11 82-09-16	2.79 4.08
274859082390701	ROBERTS COMM CTR DP NR ST PETE	27 48 59	082 39 07	01	82-05-11 82-09-14	4.65 6.43
274904082423601	MILLER	27 49 04	082 42 36	01	82-05-11 82-09-15	5.44 7.29
274922082443101	SOUTH CROSS BAYOU WELL 84 AT ST PETERSBURG FL	27 49 22	082 44 31	01	81-11-16 82-02-18 82-05-26 82-08-10	-1.28 -1.50 -2.66 -0.92

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PINELLAS						
274929082443503	SOUTH CROSS BAYOU WELL A3 AT ST PETERSBURG FL	27 49 29	082 44 35	03	81-11-16 82-02-18 82-05-26 82-08-10	-0.27 -0.48 -1.71 -0.06
274929082443504	SOUTH CROSS BAYOU WELL A4 AT ST PETERSBURG FL	27 49 29	082 44 35	04	81-11-16 82-02-18 82-05-12 82-05-26 82-08-10 82-09-16	6.91 6.82 4.55 5.32 7.43 6.07
274934082370704	NORTH EAST INJ MON B4	27 49 34	082 37 07	04	82-05-11 82-09-14	3.03 4.83
274937082480801	TIDES GOLF DP WELL NR SEMINOLE	27 49 37	082 48 08	01	82-05-11 82-09-16	5.60 6.25
275022082494001	HOLLY DP WELL NR SEMINOLE	27 50 22	082 49 40	01	82-09-16	6.62
275047082401601	ASTRABAR	27 50 47	082 40 16	01	82-09-17	5.47
275121082412601	TAMERAK DP WELL NR PIN PK	27 51 21	082 41 26	01	82-05-11 82-09-15	4.55 5.85
275137082382701	KOGER DEEP AT ST. PETE, FL	27 51 37	082 38 27	01	82-05-12 82-09-14	1.33 3.15
275138082450301	BARDMOOR DP WELL NR SEMINOLE	27 51 38	082 45 03	01	82-05-12 82-09-16	5.64 7.05
275150082481301	RIDGE RD DP WELL NR SEMINOLE	27 51 50	082 48 13	01	82-05-12 82-09-16	7.07 8.16
275241082503901	MCKAY CREEK WELL C1 AT INDIAN ROCKS BEACH FL	27 52 41	082 50 39	01	82-05-11 82-09-16	4.86 5.78
275430082460701	EAST BAY COUNTRY CLUB NR LARGO, FL	27 54 30	082 46 07	01	82-05-10 82-09-14	5.24 6.35
275521082444301	ST CATHERINE DP WELL NR LARGO	27 55 21	082 44 43	01	82-05-10 82-09-14	5.47 5.45
275604082431701	COVE CAY DP WELL NR LARGO	27 56 04	082 43 17	01	82-05-12 82-09-14	1.70 5.28
275636082462901	CLE-DUN D. WELL 33 NR LARGO, FL	27 56 36	082 46 29	01	82-05-10 82-05-12	4.33 2.84
275844082423401	BILGORE DP WELL NR CLEARWATER	27 58 44	082 42 34	01	82-05-11 82-09-15	7.18 7.63
275949082442401	SYL ABBEY DP WELL NR SFTY HARBOR	27 59 49	082 44 24	01	82-05-11 82-09-13	8.14 9.62
280004082394201	HIGGINS NORTH DEEP NR OLDSMAR, FL	28 00 04	082 39 42	01	82-05-10 82-09-14	-0.93 -0.24
280015082471201	CLE-DUN D. WELL 23 AT DUNEDIN, FL	28 00 15	082 47 12	01	82-05-10 82-05-11 82-09-13 82-09-14	5.19 4.31 6.35 5.51
280107082433801	FOREST SER DP WELL NR DUNEDIN	28 01 07	082 43 38	01	82-05-10 82-09-13	5.17 6.70
280122082471101	CLE-DUN D. WELL 22 AT DUNEDIN, FL	28 01 22	082 47 11	01	82-05-11 82-05-13 82-09-14 82-09-14	4.40 3.58 5.55 4.48
280228082465001	CLE-DUN D. WELL 11 NR DUNEDIN, FL	28 02 28	082 46 50	01	82-05-10 82-05-11 82-09-13 82-09-14	4.07 3.75 5.01 4.93
280254082441602	CLE-DUN D. WELL 17 NR DUNEDIN, FL	28 02 54	082 44 16	02	82-05-10 82-05-11 82-09-13 82-09-14	8.07 8.07 9.35 9.13
280420082451901	CLE-DUN D. WELL 09 NR PALM HARBOR, FL	28 04 20	082 45 19	01	82-05-11 82-09-14	1.47 2.85
280459032423901	CLE-DUN D. WELL 03 NR PALM HARBOR, FL	28 04 59	082 42 39	01	82-05-11 82-09-14	5.86 6.87
280511082405601	E. LAKE WF D. WELL 8 NR OLDSMAR, FL	28 05 11	082 40 56	01	82-05-10 82-09-13	10.59 11.44
280522082405601	E. LAKE WELL FIELD S. WELL 147 NR OLDSMAR, FL	28 05 22	082 40 56	01	82-05-10 82-09-13	11.17 12.60

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PINELLAS						
280532082405701	E. LAKE WF D. WELL 7 NR OLDSMAR, FL	28 05 32	082 40 57	01	82-05-10	11.22
280555082411701	E. LAKE WF D. WELL 140 NR OLDSMAR, FL	28 05 55	082 41 17	01	82-05-10 82-09-13	11.01 11.70
280555082411702	E. LAKE WF S. WELL 140 NR OLDSMAR, FL	28 05 55	082 41 17	02	82-05-10 82-09-13	8.92 11.70
280556082405701	E. LAKE WELL FIELD D. WELL 4 NR OLDSMAR, FL	28 05 56	082 40 57	01	82-05-10	11.69
280603082410901	E. LAKE WF D. WELL 3 NR OLDSMAR, FL	28 06 03	082 41 09	01	82-05-10 82-09-13	11.08 11.65
280614082411701	E. LAKE WF D. WELL 2 NR OLDSMAR, FL	28 06 14	082 41 17	01	82-05-10 82-09-13	11.22 11.60
280617082405701	E. LAKE WF D. WELL 5 NR OLDSMAR, FL	28 06 17	082 40 57	01	82-05-10 82-09-13	11.86 12.63
280624082404101	E. LAKE WF D. WELL 141 NR OLDSMAR, FL	28 06 24	082 40 41	01	82-05-10 82-09-13	12.36 15.26
280624082404102	E. LAKE WF S. WELL 141 NR OLDSMAR, FL	28 06 24	082 40 41	02	82-05-10 82-09-13	13.60 15.14
280631082411701	E. LAKE WF D. WELL 1 NR OLDSMAR, FL	28 06 31	082 41 17	01	82-05-10	11.27
280638082405501	E. LAKE WF D. WELL 6 NR OLDSMAR, FL	28 06 38	082 40 55	01	82-05-10 82-09-13	12.50 14.15
280651082412201	E. LAKE WF S. WELL 145 NR OLDSMAR, FL	28 06 51	082 41 22	01	82-05-10 82-09-13	12.64 14.56
280712082414701	D&S RANCH 118SH	28 07 12	082 41 47	01	82-05-10 82-09-13	11.80 14.01
280852082392801	USGS S. WELL EW-5	28 08 52	082 39 28	01	82-05-10 82-09-13	16.17 21.09
280902082395201	USGS S. WELL 4A NR TARPON SGS, FLA.	28 09 02	082 39 52	01	82-05-10 82-09-13	21.00 24.47
280909082392302	PINELLAS S. WELL 7 NR TARPON SGS, FLA.	28 09 09	082 39 23	02	82-05-10 82-09-13	13.20 18.59
280910082385001	USGS D. WELL EW-4 NR TARPON SGS	28 09 10	082 38 50	01	82-05-10 82-09-13	13.54 22.41
280910082385002	USGS S. WELL EW-4 NR TARPON SGS, FLA.	28 09 10	082 38 50	02	82-05-10 82-09-13	20.87 25.93
280910082390801	ELDRIDGE-WILDE 9 SHALLOW	28 09 10	082 39 08	01	82-05-10 82-09-13	16.42 20.82
280912082394301	ELDR WILDE WF S. WELL 5A NR T. SPGS.	28 09 12	082 39 43	01	82-05-10 82-09-13	25.76 28.11
280917082395602	ELDR WILDE WF S. WELL 4N NR TARPON SGS.	28 09 17	082 39 56	02	82-05-10 82-09-13	25.97 28.18
280918082391201	ELDR. WILDE WF D. WELL 10 NR TARPON SGS.	28 09 18	082 39 12	01	82-05-10 82-09-13	-0.41 13.99
280918082392601	ELDR WILDE WF S. WELL 119 NR TARPON SGS.	28 09 18	082 39 26	01	82-05-10 82-09-13	14.80 18.00
280919082395801	ELDR WILDE WF D. WELL 026 NR TARPON SPGS.	28 09 19	082 39 58	01	82-05-10 82-09-13	7.40 12.91
280919082395802	ELDRIDGE-WILDE 026 SHALLOW	28 09 19	082 39 58	02	82-05-10 82-09-13	26.27 28.33
280927082394502	USGS S. WELL EW-6 NR TARPON SGS.	28 09 27	082 39 45	02	82-05-10 82-09-13	19.08 24.78
280942082390601	PINELLAS S. WELL N1A NR TARPON SGS.	28 09 42	082 39 06	01	82-05-10 82-09-13	4.85 15.30
280942082390702	PINELLAS S. WELL N1B	28 09 42	082 39 07	02	82-05-10 82-09-13	22.00 26.49
280950082383801	ELDR WILDE WF S. WELL 021 NR TARPON SPGS.	28 09 50	082 38 38	01	82-05-10 82-09-13	25.60 28.43
280954082390501	ELDR WILDE S. WELL 112 NR TARPON SGS, FLA.	28 09 54	082 39 05	01	82-05-10 82-09-13	24.04 27.48

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PINELLAS						
280955082395701	USGS D. WELL 004 NR TARPON SGS, FLA.	28 09 55	082 39 57	01	82-05-10 82-09-13	11.72 17.69
280955082395702	USGS S. WELL 004 NR. TARPON SGS, FLA.	28 09 55	082 39 57	02	82-05-10 82-09-13	17.87 22.16
280956082381802	ELDR WILDE S. WELL 139G NR TARPON SGS	28 09 56	082 38 18	02	82-05-10 82-09-13	33.49 37.31
281001082391601	USGS S. WELL 109 NR TARPON SGS, FLA.	28 10 01	082 39 16	01	82-05-10 82-09-13	17.49 21.20
281011082382001	ELDR WILDE WF PROD WELL 141 NR TARPON SPGS.	28 10 11	082 38 20	01	82-05-10 82-09-13	14.39 23.15
281012082382801	USGS S. WELL 137 NR TARPON SGS, FLA.	28 10 12	082 38 28	01	82-09-13	21.63
281016082382801	ELDR. WILDE WF PROD WELL 137 NR TARPON SPGS.	28 10 16	082 38 28	01	82-05-10 82-09-13	9.39 19.25
281017082380901	ELDR WILDE WELL 142 NR TARPON SGS, FLA.	28 10 17	082 38 09	01	82-09-13	26.46
281018082391702	PINELLAS S. WELL 105 NR TARPON SGS, FLA.	28 10 18	082 39 17	02	82-05-10 82-09-13	17.54 20.61
281021082383901	ELDR. WILDE WF PROD WELL 134 NR TARPON SPGS.	28 10 21	082 38 39	01	82-05-10	10.51
281022082381901	PINELLAS D. WELL 140 NR TARPON SGS, FLA.	28 10 22	082 38 19	01	82-05-10 82-09-13	14.76 24.30
281023082393301	ELDR. WILDE WF PROD WELL 101 NR TARPON SPGS.	28 10 23	082 39 33	01	82-09-13	15.74
POLK						
273903081185201	73911801 33S30E06 USAF AVON PARK #1	27 39 11	081 21 08	01	82-05-10 82-09-14	69.99 75.79
273924081213601	73912102 32S30E30 AVON PARK PRISON	27 39 24	081 21 36	01	82-05-10 82-09-14	70.65 77.75
273954081230601	73912301 32S30E30 USAF AVON PARK #3	27 39 54	081 21 55	01	82-09-14	77.04
273959081215601	73912101 32S30E30 USAF AVON PARK #2	27 39 59	081 21 56	01	82-05-10 82-09-14	71.94 78.84
274353081415001	CW ADAMS IRR WELL NR FT. MEADE	27 43 53	081 41 50	01	82-05-11 82-09-14	56.76 74.01
274356081535501	OLD BREWSTER RD WELL NR BREWSTER	27 43 56	081 53 55	01	82-05-10 82-09-14	55.48 71.38
274411081360401	744	27 44 11	081 36 04	01	82-09-14	85.68
274530081404501	W.M. KELLY IRR WELL NR LK. BUFFUM	27 45 30	081 40 45	01	82-05-11 82-09-14	59.87 77.21
274543081595701	H.B. PEARCE IRR WELL NR BREWSTER	27 45 43	081 59 57	01	82-05-10 82-09-13	50.98 67.20
274553081115601	745111-- 31S31E23 RIVER RANCH PUBLIC SUPPLY	27 45 53	081 11 56	01	82-05-11 82-09-13	44.75 45.90
274713081534801	SWIFT & CO. INDUST. WELL NR BARTOW	27 47 13	081 53 48	01	82-05-10 82-09-14	51.85 71.00
274746081202201	747120-- 31S30E08 INDIAN LK ESTATES GOLF COURS	27 47 46	081 20 22	01	82-05-11 82-09-14	65.51 67.14
274841081480901	V. C. CORP OFFICE WELL AT HOMELAND	27 48 41	081 48 09	01	82-05-11 82-09-14	54.65 71.35
274910081452201	LAKE GARFIELD NURSERIES IRR WELL	27 49 10	081 45 22	01	82-05-11 82-09-14	65.84 82.60
275016081370401	O.T. BRYAN IRR WELL	27 50 16	081 37 04	01	82-05-12 82-09-15	84.19 97.21
275137081252501	751125-- 30S29E21 E. LK. WALES UTILITY	27 51 37	081 25 25	01	82-05-11 82-09-13	74.28 83.08
275326081341201	FLA UTILITIES D. WELL AT LAKE WALES	27 53 26	081 34 12	01	82-05-11 82-09-15	86.37 99.78
275337081552801	C.F. INDUSTRIES SR 60 WELL NR MULBERRY	27 53 37	081 55 28	01	82-05-12 82-09-13	55.66 72.81
275403081391301	SR 60 D. WELL NR LAKE WALES	27 54 03	081 39 13	01	82-05-12 82-09-15	91.77 103.36

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POLK						
275455081341801	W.I. ROPER IRR WELL AT LAKE WALES	27 54 55	081 34 18	01	82-05-11 82-09-15	90.10 100.12
275620081355901	1212	27 56 20	081 35 59	01	82-05-12 82-09-15	85.63 101.86
275622081252301	756125 29S29E28 L. ROSALIE NW	27 56 22	081 25 23	01	82-05-11 82-09-13	58.86 61.02
275629081553201	ROGERS IRR WELL NR LAKELAND	27 56 29	081 55 32	01	82-05-12 82-09-13	58.05 70.55
275634081211801	756121-- 29S30E19 KISS STPK NR LK KISSIMMEE	27 56 34	081 21 18	01	82-05-11 82-09-13	56.23 57.56
275729031404701	SMITH IRR WELL NR CYPRESS GARDENS	27 57 29	081 40 47	01	82-05-11 82-09-15	98.10 111.28
275924081594601	F.P. BUNCH IRR WELL NR LAKELAND	27 59 24	081 59 46	01	82-05-12 82-09-13	63.39 79.51
280153081274101	801127-- 28S29E19 LK HATCHI NR HAINES CITY	28 01 53	081 27 41	01	82-05-10 82-09-13	65.89 70.09
280420081570101	LAKELAND STADIUM WELL AT LAKELAND	28 04 20	081 57 01	01	82-05-12 82-09-13	92.64 103.36
280455082021501	PLANT CITY QUAD	28 04 55	082 02 15	01	82-05-11 82-09-14	97.80 104.21
280549081492401	ADAMS WELL NR AUBURNDALE, FLA	28 05 49	081 49 24	01	82-05-10 82-09-14	125.36 126.13
280558081314801	805131-- 27S28E29 KIMBELL WELL NR LK MARION	28 05 58	081 31 48	01	82-05-10 82-09-13	70.35 73.01
281317081491301	813149423 26S25E16	28 13 17	081 49 13	01	82-05-10 82-09-13	127.68 129.76
281440081431701	814143232 26S26E04	28 14 40	081 43 17	01	82-05-10 82-09-13	126.41 128.95
281511081393101	815139342 26S26E01	28 15 11	081 39 31	01	82-05-10 82-05-12 82-09-13 82-09-15	116.86 115.78 120.92 121.02
281532081493001	815149233 25S25E32	28 15 32	081 49 30	01	82-05-10 82-09-13	124.20 126.11
281631081564501	SPEARS WELL NR ROCK RIDGE	28 16 31	081 56 45	01	82-05-10 82-09-13	104.41 106.76
SARASOTA						
270710082092101	GEN. DEVELOPMENT WELL NR N PORT CHARLOTTE	27 07 10	082 09 21	01	82-05-12 82-09-14	45.30 46.40
270835082051601	T.B. LONGINO WELL	27 08 35	082 05 16	01	82-05-12 82-09-15	37.20 38.50
270922082074401	WALTON RANCH (V.O.) WELL SE SARASOTA CO.	27 09 22	082 07 44	01	82-05-12 82-09-15	34.00 37.00
271130082064901	MABRY CARLTON	27 11 30	082 06 49	01	82-05-13 82-09-15	37.28 43.45
271333082233201	DALAS DORT WELL NR BEE RIDGE	27 13 33	082 23 32	01	82-05-12	23.49
271450082292601	I.Z. MANN GOLF CSC WELL NR SARASOTA	27 14 50	082 29 26	01	82-05-11 82-09-14	25.80 30.30
271947082205401	HI HAT RANCH D. WELL NR SARASOTA	27 19 47	082 20 54	01	82-05-13 82-09-14	11.00 22.64
272022082231201	ANDREWS DAIRY NR SARASOTA	27 20 22	082 23 12	01	82-05-13 82-09-14	13.51 24.15
272206082151101	VERNA W T WELL 23	27 22 06	082 15 11	01	82-05-10 82-09-13	63.47 64.36
272209082152001	VERNA W T WELL 22	27 22 09	082 15 20	01	82-05-10 82-09-13	66.50 67.14
272211082151901	VERNA W T WELL 21	27 22 11	082 15 19	01	82-05-10 82-09-13	65.72 66.38

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SARASOTA						
272218082151201	VERNA W T WELL 20	27 22 18	082 15 12	01	82-05-10 82-09-13	66.63 67.08
272223082152201	VERNA W T WELL 25	27 22 23	082 15 22	01	82-05-10 82-09-13	75.88 76.51
272225082152201	VERNA W T WELL 19	27 22 25	082 15 22	01	82-05-10 82-09-13	74.78 75.67
272226082153401	VERNA W T WELL 26	27 22 26	082 15 34	01	82-05-10 82-09-13	84.85 85.54
272228082333401	36S17E01 722233322	27 22 28	082 33 34	01	82-05-13 82-09-15	15.63 19.20
272236082155801	VERNA W T WELL 27	27 22 36	082 15 58	01	82-05-10 82-09-13	90.98 93.09
272248082190302	VERNA W T WELL 6	27 22 48	082 19 03	02	82-05-10	74.70
272251082184001	VERNA W T WELL 7	27 22 51	082 18 40	01	82-05-10 82-09-13	71.58 72.70
272252082165001	VERNA W T WELL 30	27 22 52	082 16 50	01	82-05-10 82-09-13	77.56 78.06
272253082174001	VERNA W T WELL 14	27 22 53	082 17 40	01	82-05-10 82-09-13	75.65 78.33
272253082195401	VERNA KME T WELL 4	27 22 53	082 19 54	01	82-05-10 82-09-13	10.93 23.89
272253082195402	VERNA W T WELL 1	27 22 53	082 19 54	02	82-05-10 82-09-13	60.61 63.16
272254082171601	VERNA W T WELL 18	27 22 54	082 17 16	01	82-05-10 82-09-13	76.72 77.32
272254082171701	VERNA W T WELL 17	27 22 54	082 17 17	01	82-05-10 82-09-13	76.54 77.13
272255082180202	VERNA W T WELL 12	27 22 55	082 18 02	02	82-05-10 82-09-13	76.18 77.86
272256082183701	VERNA W T WELL 8	27 22 56	082 18 37	01	82-05-10 82-09-13	71.20 72.15
272257082173301	VERNA W T WELL 16	27 22 57	082 17 33	01	82-05-10 82-09-13	76.07 77.05
272258082184901	VERNA W T WELL 5	27 22 58	082 18 49	01	82-05-10 82-09-13	70.49 71.93
272258082184902	VERNA W T WELL 4	27 22 58	082 18 49	02	82-05-10 82-09-13	70.84 71.94
272258082193601	VERNA W T WELL 31	27 22 58	082 19 36	01	82-05-10 82-09-13	59.66 61.25
272305082185701	VERNA W T WELL 3	27 23 05	082 18 57	01	82-05-10 82-09-13	69.78 71.40
SUMTER						
283324082050601	83320501 22S22E23 WILSON IRR WELL AT WILSON CR	28 33 24	082 05 06	01	82-05-11 82-09-14	74.36 77.06
283432081592401	83415901 22S23E15 JC 51 HUGH ILEY	28 34 32	081 59 24	01	82-05-11 82-09-14	89.33 91.78
283502082014001	MCEYLEA REPLACE NR WEBSTER	28 35 02	082 01 40	01	82-05-11 82-09-14	84.00 86.53
283519081591601	83515901 22S23E11 JC 68 FLA ROCK IND NO 3	28 35 19	081 59 16	01	82-05-11 82-09-14	83.07 87.38
283539082000301	83520001 25S23E10 JC 67 FLA ROCK IND NO 2	28 35 39	082 00 03	01	82-05-11 82-09-14	84.23 87.72
283634082080502	83620804 21S22E32 JC 48A D H WILKERSON HOUSE	28 36 34	082 08 05	02	82-05-11 82-09-14	65.57 66.92
283637082081501	83620801 21S22E32 SCL RR USED 155	28 36 37	082 08 15	01	82-05-11 82-09-14	65.37 66.83
283829082123701	83821202 21S21E21 JC 47 N R DOKE	28 38 29	082 12 37	01	82-05-11 82-09-14	45.63 47.71

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SUMTER						
283904082001601	83920001 21S23E22 JC 65 U S GEOL SURVEY	28 39 04	082 00 16	01	82-05-11 82-09-14	69.15 76.45
283904082005301	83920002 21S23E21 JC 69 FLA CRUSHED STONE NO 4	28 39 04	082 00 53	01	82-05-11 82-09-14	72.74 70.74
283952082022001	83920201 21S23E18 JC 42 PARROT RANCH	28 39 52	082 02 20	01	82-05-12 82-09-15	79.88 78.90
283953082051401	83920501 21S22E14 JC 36	28 39 53	082 05 14	01	82-05-12 82-09-15	77.53 77.86
284002082064201	84020602 21S22E16 JC 53 BUSHNELL	28 40 02	082 06 42	01	82-05-13 82-09-16	67.39 68.26
284017082033701	84020303 21S22E12 JC 38	28 40 17	082 03 37	01	82-05-12 82-09-16	79.02 79.28
284021082032301	84020302 21S22E12 JC 37	28 40 21	082 03 23	01	82-05-12 82-09-16	78.55 78.08
284100082055801	84120504 21S22E03 JC 29	28 41 00	082 05 58	01	82-05-12 82-09-15	68.85 68.24
284101082060601	84120602 21S22E03 JC 28	28 41 01	082 06 06	01	82-05-12 82-09-15	67.33 66.78
284104082055801	84120505 21S22E03 JC 30	28 41 04	082 05 58	01	82-05-12 82-09-15	67.66 67.17
284114082080701	BEVILLES 50FT N OF WINDMILL	28 41 14	082 08 07	01	82-05-12 82-09-15	57.23 57.84
284115082062601	84120601 21S22E04 JC 27A	28 41 15	082 06 26	01	82-05-12 82-09-15	61.78 61.76
284119082034501	84120304 21S22E01 JC 44 PARROT RANCH	28 41 19	082 03 45	01	82-05-12 82-09-16	78.65 78.66
284126082034501	84120305 21S22E01 JC 45 PARROT RANCH	28 41 26	082 03 45	01	82-05-12 82-09-16	78.66 78.41
284132082092801	84120901 21S21E01 JC 05 C H BEVILLE	28 41 32	082 09 28	01	82-05-12	48.32
284139082082501	84120801 21S22E06 JC 06 C H BEVILLE	28 41 39	082 08 25	01	82-05-12 82-09-15	55.49 56.16
284143082032901	84120301 21S22E01 JC 39 PARROT RANCH	28 41 43	082 03 29	01	82-05-12 82-09-16	76.26 75.67
284143082050801	84120503 21S22E02 JC 23 C H BEVILLE	28 41 43	082 05 08	01	82-05-12 82-09-15	70.46 70.56
284143082051401	84120502 21S22E02 JC 22 C H BEVILLE	28 41 43	082 05 14	01	82-05-12 82-09-15	69.32 69.42
284146082045901	84120401 21S22E02 JC 24 C H BEVILLE	28 41 46	082 04 59	01	82-05-12 82-09-15	72.48 72.54
284146082061401	84120604 21S22E03 JC 32	28 41 46	082 06 14	01	82-05-13 82-09-16	60.13 60.63
284147082051301	84120507 21S22E02 JC 21 C H BEVILLE	28 41 47	082 05 13	01	82-05-12 82-09-15	68.75 68.82
284147082052801	84120506 21S22E03 JC 34	28 41 47	082 05 28	01	82-05-12 82-09-15	66.89 66.92
284148082064301	84120603 21S22E04 JC 33 C H BEVILLE	28 41 48	082 06 43	01	82-05-12 82-09-15	58.15 58.51
284155082043901	84120402 20S22E35 JC 25 C H BEVILLE	28 41 55	082 04 39	01	82-05-12 82-09-15	74.58 74.89
284155082051401	84120501 20S22E35 JC 17 C H BEVILLE	28 41 55	082 05 14	01	82-09-16	72.37
284159082045101	84120404 20S22E35 JC 64	28 41 58	082 04 51	01	82-05-13 82-09-16	70.66 70.73
284159082081601	84120803 20S22E31 JC 62 U S GEOL SURVEY	28 41 59	082 08 16	01	82-05-12 82-09-15	53.14 53.74
284203082051701	84220501 20S22E34 JC 18 C H BEVILLE	28 42 08	082 05 17	01	82-05-13 82-09-16	71.55 72.80
284208082054601	84220502 20S22E34 JC 19 C H BEVILLE	28 42 08	082 05 46	01	82-05-13 82-09-16	68.31 70.28

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SUMTER						
284209082060101	84220601 20S22E34 JC 20 C H BEVILLE	28 42 09	082 06 01	01	82-05-13 82-09-16	62.97 64.86
284212082044301	84220403 20S22E35 JC 16 C H BEVILLE	28 42 12	082 04 43	01	82-05-13 82-09-16	73.82 73.72
284212082071701	84220702 20S22E32 JC 63 U S GEOL SURVEY	28 42 12	082 07 17	01	82-05-12 82-09-15	55.75 56.29
284215082092301	84220901 20S21E36 JC 61 U S GEOL SURVEY	28 42 15	082 09 23	01	82-05-12 82-09-15	46.33 47.05
284237082044401	84220402 20S22E35 JC 13 C H BEVILLE	28 42 37	082 04 44	01	82-05-13 82-09-16	70.29 71.71
284241082034201	84220301 20S22E36 JC 14 C H BEVILLE	28 42 41	082 03 42	01	82-05-13 82-09-16	75.31 78.40
284242082054401	84220505 20S22E34 JC 09 C H BEVILLE	28 42 42	082 05 44	01	82-05-13 82-09-16	62.29 63.63
284249082053101	84220504 20S22E27 JC 10 C H BEVILLE	28 42 49	082 05 31	01	82-05-13 82-09-16	67.22 68.62
284252032045201	84220401 20S22E26 JC 12 C H BEVILLE	28 42 52	082 04 52	01	82-05-13 82-09-16	67.90 70.32
284258082072101	84220701 20S22E29 JC 08 C H BEVILLE	28 42 58	082 07 21	01	82-05-12 82-09-15	54.69 55.76
284259082052101	84220503 20S22E27 JC 11 C H BEVILLE	28 42 59	082 05 21	01	82-05-13 82-09-16	70.94 71.90
284311082081801	84320801 20S22E30 JC 01 C H BEVILLE	28 43 11	082 08 18	01	82-05-12 82-09-15	51.55 52.74
284323082083601	84320802 20S22E30 JC 02 C H BEVILLE	28 43 23	082 08 36	01	82-05-12 82-09-15	49.68 51.18
284340082042701	84320401 20S22E23 JC 66 SANDPIT WELL	28 43 40	082 04 27	01	82-05-13 82-09-16	52.62 52.32
284406082084001	84420801 20S22E19 JC 04 C H BEVILLE	28 44 06	082 08 40	01	82-05-12 82-09-15	47.90 49.59
284430082063001	84420601 20S22E21 JC 72 GEO ALTMAN IRR	28 44 30	082 06 30	01	82-09-16	45.56
284449082055201	84420502 20S22E15 WOODWARD RESIDENCE	28 44 49	082 05 52	01	82-05-13 82-09-16	43.13 44.09
284520082081301	84520802 20S22E17 JC 54	28 45 20	082 08 13	01	82-05-13 82-09-16	43.76 44.85
284521082014901	84520101 20S23E08 JC 55 DIXIE LIME	28 45 21	082 01 49	01	82-05-12 82-09-16	43.84 45.41
284548082073601	84520702 20S22E17 JC 70	28 45 57	082 07 36	01	82-05-13 82-09-16	41.27 43.01
284756082020301	84720201 BOLLING WELL AT ADAMSVILLE,FL	28 47 56	082 02 03	01	82-05-13 82-09-17	56.40 59.84
284809082080701	84820801 19S22E30 HOWARD KENT	28 48 09	082 08 07	01	82-05-13 82-09-16	39.57 40.54
284810082004001	HOG EYE SINK WELL NR WILDWOOD,FL	28 48 10	082 00 40	01	81-12-17 82-03-26 82-05-13 82-09-17	52.01 56.10 54.82 57.59
284925082105501	84921001 19S21E23 GATOR LODGE	28 49 25	082 10 55	01	82-05-13 82-09-16	39.15 40.35
285112082124001	85121201 19S21E09 JC 60 U S GEOL SURVEY	28 51 12	082 12 40	01	82-05-13 82-09-17	34.99 37.39
285150082044001	85120401 19S22E02 JC 58 U S GEOL SURVEY	28 51 50	082 04 40	01	82-05-13 82-09-17	48.07 51.58
285224082054201	85220501 18S22E34 HORNES WELL W OF WILDWOOD	28 52 24	082 05 42	01	82-05-13 82-09-17	47.09 50.32

MISCELLANEOUS WATER LEVEL MEASUREMENTS
OCTOBER 1981 TO SEPTEMBER 1982

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STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF SAMPLE	ELEV- ATION (FT. NGVD)
SUMTER						
285417081572901	SMITH WELL NR CHERRY LAKE,FL	28 54 17	081 57 29	01	82-09-17	59.70
285422082001901	HATCHER WELL AT LAKE MIONA NR OXFORD,FL	28 54 22	082 00 19	01	82-09-17	59.77
285510081582501	SUMTER PEAT WELL NR OXFORD,FL	28 55 10	081 58 25	01	82-09-17	58.73
285520082010001	HALLAUER WELL NR OXFORD,FL	28 55 20	082 01 00	01	82-09-17	56.19
285536082044001	85520401 18S22E14 G N SMITH	28 55 36	082 04 40	01	82-05-13 82-09-17	48.67 54.17

GROUND WATER QUALITY RECORDS

Temperature, Conductance, Chloride, and Sulfate Data

Data in this section include the following parameters:

Temperature	Specific Conductance
Chloride, dissolved	Sulfate, 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 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)
CHARLOTTE COUNTY											
270152082002801 - ROMP 10 OLIGOCENE WELL NEAR PORT CHARLOTTE, FL (LAT 27 01 52 LONG 082 00 28)											
NOV / 1981						JUN / 1982					
02...	1444	1370	25.0	--	170	09...	1130	1460	26.0	410	170
JAN / 1982						JUL					
06...	1423	1400	25.0	--	170	07...	1355	1480	26.0	--	170
MAR						AUG					
01...	1210	1410	26.0	--	170	02...	1655	1400	27.0	410	160
APR											
05...	1400	1490	25.5	420	150						
270152082002802 - ROMP 10 LIMESTONE WELL NEAR PORT CHARLOTTE, FL (LAT 27 01 52 LONG 082 00 28)											
NOV / 1981						JUN / 1982					
02...	1434	1280	24.5	--	280	09...	1140	1520	25.0	260	310
JAN / 1982						JUL					
06...	1430	1360	24.5	--	260	07...	1415	1540	25.0	--	330
MAR						AUG					
01...	1200	1470	24.0	--	280	02...	1640	1440	25.0	320	220
APR											
05...	1330	1515	24.0	200	320						
270152082002803 - ROMP 10 HAWTHORN WELL NEAR PORT CHARLOTTE, FL (LAT 27 01 52 LONG 082 00 28)											
NOV / 1981						JUN / 1982					
02...	1455	--	24.5	--	--	09...	1155	1510	25.0	160	340
JAN / 1982						JUL					
06...	1440	1360	24.5	--	330	07...	1430	1520	25.0	--	340
MAR						AUG					
01...	1156	1500	22.5	--	330	02...	1620	1500	25.0	190	330
APR											
05...	1343	1520	22.5	170	320						
CITRUS COUNTY											
284317082330601 - CHASSAHOVITZKA WELL 1 NR CHASSAHOVITZKA, FLA (LAT 28 43 17 LONG 082 33 06)											
NOV / 1981						MAY / 1982					
09...	1212	277	23.5	--	9.8	06...	1245	275	26.5	--	11
JAN / 1982						JUL					
07...	1515	295	23.5	--	7.6	08...	1145	250	24.5	--	8.0
MAR						SEP					
04...	1217	255	23.5	--	7.4	07...	1045	--	23.5	--	7.0
284532082371001 - HOMOSASSA WELL 1 NR HOMOSASSA, FLA (LAT 28 45 32 LONG 082 37 10)											
NOV / 1981						MAY / 1982					
05...	0935	8600	21.5	--	2600	07...	1550	--	21.5	--	2500
JAN / 1982						JUL					
07...	1315	8890	22.0	--	2600	08...	1420	8700	22.0	--	2600
MAR						SEP					
04...	1500	8500	21.0	--	2600	07...	1325	8200	22.0	--	2600
284547082361201 - HOMOSASSA WELL 2 NR HOMOSASSA, FLA (LAT 28 45 47 LONG 082 36 12)											
NOV / 1981						AUG / 1982					
05...	0850	2300	22.0	--	580	04...	1330	2400	24.0	--	500
JAN / 1982						SEP					
07...	1230	2150	23.0	--	580	07...	1245	2100	23.0	--	590
MAR											
05...	1640	2000	25.5	--	570						
284551082345301 - HOMOSASSA WELL 3 NR HOMOSASSA, FLA (LAT 28 45 51 LONG 082 34 53)											
NOV / 1981						MAY / 1982					
09...	1150	1070	23.0	--	240	07...	1800	1150	22.5	--	230
JAN / 1982						JUL					
07...	1420	715	23.5	--	120	08...	1245	1200	23.5	--	270
MAR						SEP					
04...	1335	560	22.5	--	130	07...	1146	1360	23.0	--	330

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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CITRUS COUNTY

284803082351701 - NORRIS WELL AT HOMOSASSA SPRINGS, FL. (LAT 28 48 03 LONG 082 35 17)

NOV / 1981						MAY / 1982					
05...	1045	730	--	--	140	07...	1618	780	--	--	140
JAN / 1982						JUL					
07...	1145	--	--	--	150	08...	1350	620	--	--	110
MAR						SEP					
04...	1440	785	--	--	150	07...	1420	500	--	--	130

285020082365301 - OZELLO WELL 3 NR CRYSTAL RIVER, FLA (LAT 28 50 20 LONG 082 36 53)

NOV / 1981						MAY / 1982					
05...	1205	10500	22.0	--	3500	07...	1530	--	22.0	--	3400
JAN / 1982						JUL					
07...	1050	10000	22.0	--	3400	12...	1610	11500	22.5	--	3400
MAR						SEP					
04...	1705	--	21.5	--	3500	07...	1550	10600	22.5	--	3400

285102082361001 - OZELLO WELL 4 NR CRYSTAL RIVER, FLA (LAT 28 51 02 LONG 082 36 10)

NOV / 1981						MAY / 1982					
05...	1140	1660	23.0	--	380	07...	1552	1750	25.5	--	410
JAN / 1982						JUL					
07...	1040	1550	22.5	--	410	12...	1552	1700	23.0	--	420
MAR						SEP					
04...	1635	1650	22.5	--	400	07...	1530	1260	22.0	--	320

285112082354401 - ROMP TR 21-2 DEEP WELL NR HOMOSASSA SPRINGS, FL (LAT 28 51 12 LONG 082 35 44)

NOV / 1981						MAY / 1982					
05...	1115	1060	23.5	--	240	07...	1448	1100	24.0	--	240
JAN / 1982						JUL					
07...	0958	1080	23.5	--	240	12...	1525	1100	24.0	--	240
MAR						SEP					
04...	1600	1080	23.0	--	240	07...	1453	960	24.0	--	250

285234082341901 - ROMP TR 21-3 DEEP WELL NEAR CRYSTAL RIVER, FL (LAT 28 52 34 LONG 082 34 19)

NOV / 1981						MAY / 1982					
05...	1215	1770	25.5	--	130	07...	1017	1950	25.0	--	130
JAN / 1982						JUL					
07...	0900	1480	26.5	--	110	12...	1445	1700	24.0	--	130
MAR						SEP					
04...	1735	1500	24.5	--	120	10...	1513	1960	26.0	--	100

285421082361601 - CRYSTAL RIVER S. WELL NR CRYSTAL RIVER, FL (LAT 28 54 21 LONG 082 36 16)

NOV / 1981						MAY / 1982					
05...	1355	1020	23.0	--	190	07...	1148	--	21.5	--	110
JAN / 1982						JUL					
08...	1247	950	22.0	--	130	12...	1350	750	23.5	--	83
MAR						SEP					
05...	1215	990	22.0	--	130	03...	1327	750	23.0	--	120

285421082361602 - CRYSTAL RIVER D. WELL NR CRYSTAL RIVER, FL (LAT 28 54 21 LONG 082 36 16)

NOV / 1981						MAY / 1982					
05...	1430	7630	22.0	--	2400	07...	1132	--	22.0	--	2200
JAN / 1982						JUL					
08...	1158	7480	22.5	--	2300	12...	1310	2500	22.0	--	700
MAR						SEP					
05...	1155	--	23.0	--	3200	03...	1338	7000	23.0	--	2200

285737082400601 - FPC WELL 3 NR CRYSTAL RIVER, FL (LAT 28 57 37 LONG 082 40 06)

NOV / 1981						MAY / 1982					
05...	1450	471	22.0	--	17	07...	1348	490	22.0	--	16
JAN / 1982						JUL					
08...	1430	480	22.0	--	16	12...	1235	460	22.5	--	15
MAR						SEP					
05...	1400	465	21.5	--	15	03...	1240	470	23.0	--	16

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)
CITRUS COUNTY											
285737082413001 - FPC WELL 2 NR CRYSTAL RIVER, FL (LAT 28 57 37 LONG 082 41 30)											
NOV / 1981						MAY / 1982					
05...	1505	4950	21.5	--	1300	07...	1250	4350	21.5	--	1200
JAN / 1982						JUL					
08...	1400	4500	21.0	--	1300	12...	1210	--	22.0	--	460
MAR						SEP					
05...	1430	3700	21.0	--	890	03...	1203	1750	22.0	--	360
290216082292001 - 90222901 16S18E33 CE 77 U S GEOL SURVEY (LAT 29 02 16 LONG 082 29 20)											
APR / 1982						SEP / 1982					
23...	1050	180	23.5	--	3.3	09...	1100	185	23.5	--	5.0
HARDEE COUNTY											
272714081545901 - ROMP 31 AVON PARK WELL NR ONA, FLA. (LAT 27 27 14 LONG 081 54 59)											
NOV / 1981						APR / 1982					
11...	0850	520	26.0	--	12	27...	1530	505	27.5	--	13
JAN / 1982						JUL					
12...	1529	535	22.5	--	15	13...	1230	550	29.5	--	14
MAR						SEP					
09...	1435	518	26.0	--	13	03...	1140	520	29.0	--	13
272714081545902 - ROMP 31 HAWTHORN WELL NR ONA, FLA. (LAT 27 27 14 LONG 081 54 59)											
NOV / 1981						APR / 1982					
11...	0910	1010	25.0	--	120	27...	1650	1040	25.0	--	130
JAN / 1982						JUL					
12...	1545	1080	22.0	--	120	13...	1205	1030	27.0	--	140
MAR						SEP					
09...	1450	1040	25.0	--	130	03...	0949	1120	30.0	--	130

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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HERNANDO COUNTY

282605082345801 - ROMP 97 DEEP WELL NEAR ARIPEKA, FL. (LAT 28 26 05 LONG 082 34 58)

NOV / 1981						MAY / 1982					
04...	1055	150	24.0	--	4.5	14...	1317	--	24.0	--	3.3
JAN / 1982						JUL					
14...	1115	142	23.5	--	3.7	07...	1125	125	24.0	--	3.5
MAR						SEP					
03...	1615	--	23.0	--	3.7	09...	1547	88	24.0	--	3.4

282659082391101 - ROMP TR 18-2 NEAR ARIPEKA, FL (LAT 28 26 59 LONG 082 39 11)

SEP / 1982					
09...	1330	217	26.0	--	5.4

282742082375901 - ROMP TR 18-1 DEEP WELL NEAR ARIPEKA, FL (LAT 28 27 42 LONG 082 37 59)

NOV / 1981						MAY / 1982					
04...	1235	215	27.0	--	6.0	06...	1040	255	25.0	--	8.6
JAN / 1982						JUL					
06...	1430	--	25.5	--	4.0	07...	1235	320	26.5	--	20
MAR						SEP					
04...	0905	210	25.0	--	4.5	09...	1411	208	26.5	--	4.1

283203082370201 - PRES YOUTH CAMP WELL NR WEEKIWACHEE, FLA (LAT 28 32 03 LONG 082 37 02)

NOV / 1981					
04...	1300	2870	23.0	--	730

283243082365701 - ROMP TR 19-2 DEEP WELL NEAR BAYPORT, FL (LAT 28 32 43 LONG 082 36 57)

NOV / 1981						MAY / 1982					
04...	1350	--	24.0	--	2800	06...	1130	2000	24.0	--	420
JAN / 1982						JUL					
06...	1600	--	24.0	--	800	07...	1400	4200	24.0	--	1200
MAR						SEP					
05...	1745	6000	24.5	--	1800	09...	0952	6000	24.5	--	1700

283313082350101 - ROMP TR 19-3 DEEP WELL NEAR WEEKIWACHEE, FL (LAT 28 33 13 LONG 082 35 01)

NOV / 1981						MAR / 1982					
09...	1320	2000	28.0	--	21	04...	1015	525	25.5	--	18
JAN / 1982											
20...	1203	850	26.5	--	150						

283527082365701 - WEEKI WELL 2 NR WEEKIWACHEE, FLA (LAT 28 35 27 LONG 082 36 57)

MAY / 1982						SEP / 1982					
13...	1152	518	22.0	--	51	16...	1100	490	--	--	52

283529082355801 - WEEKI WELL 3 NR WEEKIWACHEE, FLA (LAT 28 35 29 LONG 082 35 58)

MAY / 1982						SEP / 1982					
13...	1125	450	23.0	--	43	16...	1025	434	--	--	45

283555082372901 - WEEKI WELL 1 NR WEEKIWACHEE, FLA (LAT 28 35 55 LONG 082 37 29)

MAY / 1982						SEP / 1982					
13...	1220	1820	27.0	--	190	16...	1120	1310	--	--	190

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS S04 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS S04 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)		
HILLSBOROUGH COUNTY													
273845082314001 - SW HILLS CO 5 NR RUSKIN (LAT 27 38 45 LONG 082 31 40)													
MAY / 1982	13...	1350	1010	27.0	340								
274030082285201 - SW HILLS CO 18 NR RUSKIN (LAT 27 40 30 LONG 082 28 52)													
MAY / 1982	13...	1245	785	26.8	230								
274114082303701 - CLAPROD WELL NR RUSKIN, FLA (LAT 27 41 14 LONG 082 30 37)													
DEC / 1981	07...	1040	1260	25.0	--	36	APR / 1982	29...	1145	1120	26.0	--	43
JAN / 1982	04...	1053	1140	25.0	--	45	JUL	22...	1115	1120	27.0	--	48
MAR	08...	1030	1138	25.0	--	46	SEP	07...	1222	1170	26.0	--	43
274221082282401 - SW HILLS CO 54 NR RUSKIN (LAT 27 42 21 LONG 082 28 24)													
MAY / 1982	13...	1337	1070	27.5	420	33							
274252082232401 - RUSKIN #10(SW HILLS CO 67) NR RUSKIN (LAT 27 42 52 LONG 082 23 24)													
MAY / 1982	13...	1150	760	26.0	240	19							
274322082202601 - SUN CITY #5(SW HILLS CO 79) NR WIMAUMA (LAT 27 43 22 LONG 082 20 26)													
MAY / 1982	13...	1130	562	25.5	150	13							
274406082240701 - SW HILLS CO 90 AT RUSKIN (LAT 27 44 06 LONG 082 24 07)													
MAY / 1982	13...	1600	727	27.0	210	22							
274421082275401 - ROMP TRANSECT D.WELL NR RUSKIN, FLA (LAT 27 44 21 LONG 082 27 54)													
NOV / 1981	05...	1340	1095	24.5	--	30	APR / 1982	29...	1355	1000	24.5	--	--
JAN / 1982	04...	1019	1020	24.0	--	23	JUL	14...	1325	970	32.0	--	25
MAR	08...	1100	998	24.0	--	23	SEP	07...	1200	1060	24.0	--	22
274428082251501 - ROMP 9-3 TRANSECT SHALLOW WELL NEAR RUSKIN, FL. (LAT 27 44 28 LONG 082 25 15)													
NOV / 1981	06...	0835	809	24.0	--	81	APR / 1982	29...	1220	1040	23.0	--	78
JAN / 1982	04...	0954	1060	23.0	--	88	JUL	22...	1139	845	24.0	--	62
MAR	10...	1315	1070	22.0	--	82	SEP	07...	1100	910	25.0	--	63
274543082234001 - SW HILLS CO WELL 118 NR RUSKIN (LAT 27 45 43 LONG 082 23 40)													
MAY / 1982	13...	1615	950	27.5	--	41							
274837082232901 - KUSHNER WELL AT ADAMSVILLE, FLA (LAT 27 48 37 LONG 082 23 29)													
OCT / 1981	05...	0822	1460	24.0	--	88	MAR / 1982	08...	1152	1340	24.0	--	86
NOV	06...	0751	1440	23.0	--	83	30...	1226	1250	23.0	--	79	
DEC	07...	0825	1290	23.0	--	88	APR	29...	1500	1280	24.0	--	78
JAN / 1982	04...	0847	1355	24.0	--	92							

GROUND WATER QUALITY RECORDS
 OCTOBER 1981 TO SEPTEMBER 1982
 TEMPERATURE, CONDUCTANCE, CHLORIDE,
 AND SULFATE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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HILLSBOROUGH COUNTY

274904082194701 - RIVERVIEW #6(SW HILLS CO 207) NR RIVERVIEW (LAT 27 49 04 LONG 082 19 47)

MAY / 1982
 13... 1035 678 26.5 160 20

274915082190402 - SW HILLS CO 213 NR RIVERVIEW (LAT 27 49 15 LONG 082 19 04)

MAY / 1982
 13... 1055 564 25.5 98 18

274959082210801 - SW HILLS CO 229 NR RIVERVIEW (LAT 27 49 59 LONG 082 21 08)

MAY / 1982
 13... 1600 581 24.0 -- 11

275223082195001 - E. BRADBURN AT RIVERVIEW (LAT 27 52 23 LONG 082 19 50)

MAY / 1982
 13... 0920 460 22.5 -- 47

275326082235101 - HUCO INC NR RIVERVIEW (LAT 27 53 26 LONG 082 23 51)

MAY / 1982
 14... 1045 4910 26.0 170 1400

275402082222701 - ROMP TR10-2 DEEP WELL NR TAMPA FL (LAT 27 54 02 LONG 082 22 27)

DEC / 1981
 23... 1400 1050 24.0 -- 140
 MAR / 1982
 10... 1351 -- 23.5 -- 140
 APR
 05... 0857 940 25.0 -- 180

JUN / 1982
 15... 1055 910 27.0 -- 150
 AUG
 10... 1400 740 24.5 -- 160

275402082222702 - ROMP TR 10-2 SHALLOW WELL NEAR TAMPA, FL (LAT 27 54 02 LONG 082 22 27)

DEC / 1981
 07... 1150 1220 21.0 -- 18
 MAR / 1982
 17... 1048 1200 24.0 -- 18
 APR
 05... 0930 1190 23.5 -- 20

JUN / 1982
 15... 1040 1280 31.0 -- 20
 AUG
 10... 1420 1190 28.0 -- 20

275417082190901 - PURITY DAIRY 2 NR RIVERVIEW (LAT 27 54 17 LONG 082 19 09)

MAY / 1982
 14... 1000 539 25.0 37 45

275427082221001 - TOWER DAIRY 1 NR RIVERVIEW (LAT 27 54 27 LONG 082 22 10)

MAY / 1982
 14... 1022 1100 24.5 8.1 170

275443082224001 - JAMES BYRD NR RIVERVIEW (LAT 27 54 43 LONG 082 22 40)

MAY / 1982
 14... 1320 971 26.5 -- 120

275509082240501 - FLA PETROL TANK SERVICE NR RIVERVIEW (LAT 27 55 09 LONG 082 24 05)

MAY / 1982
 14... 1100 1600 25.5 -- 130

275528082233701 - KELLY NR RIVERVIEW (LAT 27 55 28 LONG 082 23 37)

MAY / 1982
 14... 1115 715 26.0 -- 41

275547082211701 - JOE SUAREZ 2 NR RIVERVIEW (LAT 27 55 47 LONG 082 21 17)

MAY / 1982
 14... 1204 726 27.0 54 110

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)		
HILLSBOROUGH COUNTY													
275548082181201 - AMERICAN DAIRY #1 NR VALRICO (LAT 27 55 48 LONG 082 18 12)													
MAY / 1982	13...	0940	417	24.0	26	24							
275611082211101 - SEABOARD UTILITIES #7 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 11)													
MAY / 1982	14...	1225	922	25.0	--	150							
275611082211701 - SEABOARD UTILITIES #8 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 17)													
MAY / 1982	14...	1300	725	25.0	71	85							
275611082213801 - SEABOARD UTILITIES #2 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 38)													
MAY / 1982	14...	1250	922	25.0	--	150							
275620082242001 - PALM RIVER WELL 12 AT TAMPA,FLA (LAT 27 56 20 LONG 082 24 20)													
SEP / 1982	15...	0820	2240	24.0	--	530							
275623082194201 - CAREY CATTLE SALES NR VALRICO (LAT 27 56 23 LONG 082 19 42)													
MAY / 1982	14...	0900	387	22.0	13	18							
275629082234001 - PALM RIVER WELL 5 AT TAMPA,FLA (WQ-04) (LAT 27 56 29 LONG 082 23 40)													
MAY / 1982	12...	1555	595	24.5	.6	53	SEP / 1982	15...	0840	585	25.5	--	49
275629082242201 - PALM RIVER WELL 13 AT TAMPA,FLA (LAT 27 56 29 LONG 082 24 22)													
MAY / 1982	14...	1045	2650	--	--	68C	SEP / 1982	15...	0810	2640	27.0	--	660
275642082224201 - PALM RIVER WELL 18 AT TAMPA,FLA (WQ-07) (LAT 27 56 42 LONG 082 22 42)													
MAY / 1982	14...	1120	1550	--	--	350	SEP / 1982	15...	0850	1500	25.0	--	350
275647082232201 - PALM RIVER WELL 6 AT TAMPA,FLA (LAT 27 56 47 LONG 082 23 22)													
APR / 1982	15...	1140	2180	--	--	460	SEP / 1982	15...	0910	2110	26.0	--	480
275653082231101 - USCE WELL TBC-15 AT TAMPA,FLA (LAT 27 56 53 LONG 082 23 11)													
MAY / 1982	12...	1345	4000	--	--	1000	SEP / 1982	15...	0930	3890	25.5	--	1000
275657082201001 - GADD CONCRETE NR VALRICO (LAT 27 56 57 LONG 082 20 10)													
MAY / 1982	13...	0910	446	24.5	.0	14							
275705082222001 - ROMP TR 11-2 WELL NR TAMPA, FL (LAT 27 57 05 LONG 082 22 20)													
DEC / 1981	23...	1100	1140	24.0	--	200	JUN / 1982	15...	0855	1190	25.5	--	200
MAR / 1982	10...	1316	--	24.5	--	200	AUG	10...	1245	1160	25.5	--	200
APR	08...	1259	1160	25.5	--	200							

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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HILLSBOROUGH COUNTY

275724082221001 - STRUCTURE S-160 WELL NR TAMPA, FL. (WQ-03) (LAT 27 57 24 LONG 082 22 10)

DEC / 1981						MAY / 1982					
07...	0856	740	23.0	--	100	12...	1030	725	24.0	83	94
JAN / 1982						JUN					
12...	1523	740	23.0	--	99	09...	1324	741	27.0	--	92
MAR						AUG					
02...	0856	743	23.5	--	94	10...	1150	730	25.0	--	73
APR						SEP					
05...	1440	740	23.5	--	92	15...	1025	730	24.5	--	97

275725082221101 - USCE WELL TBC-17 AT TAMPA, FLA (LAT 27 57 25 LONG 082 22 11)

MAY / 1982					
12...	1045	700	24.5	--	91

275817082325001 - ROMP TR 12-1 DEEP WELL NEAR TAMPA, FL (LAT 27 58 17 LONG 082 32 50)

OCT / 1981						MAR / 1982					
06...	0810	3350	24.0	--	910	30...	1350	3500	24.5	--	880
DEC						JUN					
07...	1355	3500	24.5	--	910	02...	0915	3400	24.5	--	860
FEB / 1982						AUG					
02...	0810	3250	24.0	--	900	02...	1330	3500	25.0	--	790

275856082210301 - USCE TEST WELL 2S-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03)

MAY / 1982					
12...	1230	280	23.5	14	9.4

275942082331701 - MARCO PENN NR TAMPA (LAT 27 59 42 LONG 082 33 17)

MAY / 1982						SEP / 1982					
11...	1410	940	27.0	--	160	15...	1345	835	27.0	--	170

280012082204901 - USCE WELL TBC-05 NR TEMP TERR, FL. (WL-05) (LAT 28 00 12 LONG 082 20 49)

MAY / 1982					
10...	1730	365	23.5	48	10

280019082335701 - TRUJILLO WELL NR TAMPA (LAT 28 00 19 LONG 082 33 57)

MAY / 1982					
11...	1230	1520	25.0	--	300

280027082354701 - SWEENEY WELL NR TAMPA (LAT 28 00 27 LONG 082 35 47)

MAY / 1982					
11...	1315	960	24.0	--	180

280029082355801 - CHANNEL A D. WELL 22 NR TAMPA, FL (LAT 28 00 29 LONG 082 35 58)

MAY / 1982						SEP / 1982					
11...	0840	1150	23.5	--	72	15...	1050	1100	24.0	--	50

280029082355802 - CHANNEL A S. WELL 23 NR TAMPA, FL (LAT 28 00 29 LONG 082 35 58)

MAY / 1982						SEP / 1982					
11...	0850	540	24.0	--	65	15...	1100	800	25.5	--	66

280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE, FL. (LAT 28 00 30 LONG 082 19 08)

MAY / 1982					
11...	1330	298	23.5	23	8.4

280034082362401 - CHANNEL A D. WELL 38 NR TAMPA, FL (LAT 28 00 34 LONG 082 36 24)

MAY / 1982						SEP / 1982					
11...	0945	1800	24.0	--	440	15...	1120	--	24.0	--	440

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) (00940)
HILLSBOROUGH COUNTY											
280038082340201 - CHANNEL G BM DEEP WELL NEAR TAMPA, FL. (LAT 28 00 38 LONG 082 34 02)											
OCT / 1981						MAY / 1982					
05...	1430	--	24.5	--	1100	11...	1245	4200	25.0	--	1100
DEC						JUN					
07...	1235	4200	25.0	--	1100	03...	1045	4050	25.0	--	1100
FEB / 1982						AUG					
02...	1030	4000	24.5	--	1100	02...	1225	4200	25.5	--	970
MAR											
30...	1230	4100	25.0	--	1100						
280047082362601 - CHANNEL A D. WELL 26 NR TAMPA, FL (LAT 28 00 47 LONG 082 36 26)											
MAY / 1982											
11...	0915	1420	24.5	--	260						
280053082341801 - BRACKETT NR TAMPA (LAT 28 00 53 LONG 082 34 18)											
JAN / 1982						JUL / 1982					
22...	1200	550	17.0	--	53	16...	1100	530	24.5	--	54
APR											
12...	1355	520	23.0	--	53						
280053082350201 - SHELDON RD SHALLOW WELL NR CITRUS PARK, FLA (LAT 28 00 53 LONG 082 35 02)											
FEB / 1982											
02...	0920	7600	25.0	--	2300						
280053082350202 - SHELDON RD D. WELL NR CITRUS PARK, FLA (LAT 28 00 53 LONG 082 35 02)											
OCT / 1981						JUN / 1982					
05...	1315	--	25.5	--	2300	02...	1010	8050	26.0	--	2200
DEC						AUG					
07...	1050	8100	26.0	--	2300	02...	1055	7990	26.5	--	2000
MAR / 1982											
30...	1028	8000	25.5	--	2300						
280055082222701 - USCE WELL TBC-09 AT TEMP TERR, FL. (WL-09) (LAT 28 00 55 LONG 082 22 27)											
MAY / 1982											
10...	1345	425	23.5	51	20						
280056082362701 - CHANNEL A BM DEEP WELL NEAR TAMPA, FL. (LAT 28 00 56 LONG 082 36 27)											
OCT / 1981						MAY / 1982					
08...	0805	1420	24.0	--	320	11...	1010	--	24.0	--	320
DEC						JUN					
07...	1155	1500	24.0	--	340	03...	1010	1500	24.0	--	330
FEB / 1982						AUG					
02...	0850	1700	23.0	--	340	02...	1130	1650	24.5	--	340
MAR											
30...	1100	1550	23.5	--	330						
280057082340001 - FERNANDEZ NR TAMPA (LAT 28 00 57 LONG 082 34 00)											
OCT / 1981						APR / 1982					
27...	1022	450	--	--	26	12...	1305	431	--	--	26
JAN / 1982						JUL					
22...	1245	460	--	--	26	16...	1050	450	--	--	26
280058082362303 - CHANNEL A D. WELL 02 NR TAMPA, FL (LAT 28 00 58 LONG 082 36 23)											
MAY / 1982						SEP / 1982					
11...	1055	400	25.5	--	59	15...	1200	100	27.5	--	3.4
280058082362401 - CHANNEL A D. WELL 36 NR TAMPA, FL (LAT 28 00 58 LONG 082 36 24)											
MAY / 1982						SEP / 1982					
11...	1035	400	24.5	--	72	15...	1145	--	24.0	--	72

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	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)											
MAY / 1982						SEP / 1982					
11...	1045	690	27.0	--	16	15...	1155	645	27.0	--	15
280059082323201 - BOTTS WELL NR TAMPA (LAT 28 00 59 LONG 082 32 32)											
MAY / 1982						SEP / 1982					
11...	1420	415	24.0	--	11	15...	1400	410	25.0	--	11
280112082270101 - TOURIST CLUB WELL AT SULPHUR SPRINGS, FLA (LAT 28 01 12 LONG 082 27 01)											
NOV / 1981						APR / 1982					
18...	1215	15500	25.0	--	4800	29...	1020	14700	25.0	--	4600
JAN / 1982						JUL					
19...	1145	14300	25.0	--	4600	14...	1435	17000	26.0	--	5000
MAR											
11...	0825	14600	24.5	--	4900						
280116082205301 - USCE TEST WELL 2W-ES NR TEMP TERR, FL. (WQ-05) (LAT 28 01 16 LONG 082 20 53)											
MAY / 1982											
10...	1500	340	23.0	54	9.2						
280116082340701 - ERNEST KITCHEN NR TAMPA (LAT 28 01 16 LONG 082 34 07)											
OCT / 1981						APR / 1982					
27...	1000	530	--	--	43	12...	1325	475	--	--	42
JAN / 1982						JUL					
22...	1230	529	--	--	44	16...	1030	480	--	--	43
280118082340801 - A. PULEO NR TAMPA (LAT 28 01 18 LONG 082 34 08)											
OCT / 1981						APR / 1982					
27...	1015	680	24.0	--	93	12...	1315	665	25.0	--	94
JAN / 1982						JUL					
22...	1220	675	24.0	--	92	16...	1035	665	24.5	--	86
280128082352801 - CHANNEL A D. WELL 07 NR TAMPA, FL (LAT 28 01 28 LONG 082 35 28)											
MAY / 1982						SEP / 1982					
11...	1140	1500	25.0	--	220	15...	1235	1020	25.0	--	120
280129082341801 - HUGH HILL NR TAMPA (LAT 28 01 29 LONG 082 34 18)											
OCT / 1981						APR / 1982					
27...	0945	515	--	--	45	12...	1345	475	--	--	43
JAN / 1982						JUL					
22...	1205	529	--	--	43	16...	1015	482	--	--	44
280217082343201 - CHANNEL A S. WELL 14 NR TAMPA, FL (LAT 28 02 17 LONG 082 34 32)											
MAY / 1982						SEP / 1982					
11...	1330	--	24.0	--	9.3	15...	1305	50	27.0	--	3.0
280230082205601 - USCE WELL TBC-02 NR TEMP TERR, FL. (WL-02) (LAT 28 02 30 LONG 082 20 56)											
MAY / 1982											
10...	1300	228	24.5	11	6.2						
280243082203701 - USCE WELL TBC-01 NR TEMP TERR, FL. (WL-01) (LAT 28 02 43 LONG 082 20 37)											
MAY / 1982											
10...	1100	198	24.5	5.9	5.8						

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)		
HILLSBOROUGH COUNTY													
280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02)													
MAY / 1982	11...	1230	432	24.0	46	12							
280354082381901 - ROMP TR 13-3 DEEP WELL NEAR CITRUS PARK, FL (LAT 28 03 54 LONG 082 38 19)													
OCT / 1981	08...	0840	32000	29.0	--	12000	APR / 1982	05...	0745	32500	--	--	12000
DEC	09...	0745	31000	--	--	12000	JUN	02...	1100	37000	--	--	12000
FEB / 1982	04...	0800	--	--	--	12000	AUG	04...	0730	34000	--	--	12000
280358092380101 - F. V. BASS WELL NR CITRUS PARK, FLA (LAT 28 03 58 LONG 082 38 01)													
OCT / 1981	08...	0915	373	24.0	--	12	APR / 1982	05...	0800	370	23.5	--	11
DEC	09...	0800	350	23.5	--	14	AUG	03...	1335	--	--	--	10
FEB / 1982	04...	0850	395	23.5	--	10							
280504082365501 - ST PETE D. WELL E-102 NR CITRUS PARK, FLA (LAT 28 05 04 LONG 082 36 55)													
OCT / 1981	08...	0925	410	24.5	--	10	APR / 1982	05...	0815	415	23.5	--	11
DEC	09...	0810	390	24.0	--	10	JUN	02...	1135	418	24.0	--	11
FEB / 1982	04...	0900	335	23.5	--	10	AUG	03...	1300	410	24.5	--	9.0
280548082355701 - ST PETE D. WELL E-100 NR CITRUS PARK, FLA (LAT 28 05 48 LONG 082 35 57)													
OCT / 1981	08...	1005	9700	25.0	--	2200	APR / 1982	05...	0910	10100	24.0	--	2200
DEC	09...	0900	10100	24.5	--	2200	JUN	02...	1230	10300	24.5	--	2200
FEB / 1982	03...	1300	10100	24.0	--	2400	AUG	03...	1210	9500	25.0	--	2000
280605082184101 - MORRIS BRIDGE DP WELL 12 NR BRANCHTON, FL (LAT 28 06 05 LONG 082 18 41)													
NOV / 1981	02...	1014	570	25.5	46	17	MAY / 1982	07...	1430	568	26.0	37	--
JAN / 1982	12...	1600	550	24.0	--	12	JUL	08...	1550	572	26.0	40	15
FEB	24...	1321	556	25.0	39	13	SEP	01...	1010	562	25.5	--	12
280642082195801 - MORRIS BRIDGE DP WELL 3B NR BRANCHTON (WQ-01) (LAT 28 06 42 LONG 082 19 53)													
MAY / 1982	11...	1000	505	23.0	.0	12							

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)
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HILLSBOROUGH COUNTY

280652082195101 - MORRIS BRIDGE WF D. WELL 3C NR BRANCHTON (LAT 28 06 52 LONG 082 19 51)

NOV / 1981						MAY / 1982					
02...	1427	2800	23.5	1700	80	07...	1645	2860	23.0	1400	80
JAN / 1982						JUL					
11...	1140	2800	22.0	--	72	08...	1400	2770	24.0	1600	68
MAR						SEP					
08...	1220	2700	23.5	1600	80	01...	1300	2860	23.5	--	60

280728082301101 - ST PETE DP WELL 21-7 NEAR LUTZ, FLA (LAT 28 07 28 LONG 082 30 11)

OCT / 1981						APR / 1982					
07...	1445	3100	25.0	--	22	01...	1300	3200	24.5	--	19
DEC						JUN					
08...	1155	2790	25.0	--	18	03...	1700	3100	25.0	--	20
FEB / 1982						AUG					
03...	1000	3000	24.5	--	20	03...	0900	2710	25.5	--	13

LEVY COUNTY

290118082364101 - 90123601 17S17E05 CE 70 USGS AT INGLIS LOCK (LAT 29 01 18 LONG 082 36 41)

APR / 1982						SEP / 1982					
23...	1150	460	21.5	--	11	09...	0930	455	21.5	--	11

MANATEE COUNTY

272814082034801 - ROMP WELL 32 AVON PARK NR MYAKKA HEAD, FL (LAT 27 28 14 LONG 082 03 48)

OCT / 1981						MAY / 1982					
06...	1435	990	26.5	--	30	12...	1335	--	23.0	--	--
DEC						JUL					
15...	1430	886	25.5	--	18	14...	1540	920	26.0	--	16
FEB / 1982											
19...	1454	990	25.5	--	19						

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
MARION COUNTY											
290132082133001 - 90121301 17S21E08 USGS 08 WELL CE78 NR PEDRO FL (LAT 29 01 32 LONG 082 13 30)											
APR / 1982						SEP / 1982					
22...	1445	175	23.5	--	2.7	08...	1315	157	23.5	--	2.8
290312082190601 - 90321901 16S20E33 CE 22 U S GEOL SURVEY (LAT 29 03 12 LONG 082 19 06)											
APR / 1982						SEP / 1982					
22...	1515	105	23.5	--	2.2	08...	1350	100	21.5	--	2.6
290447082250901 - 90422501 16S19E20 CE 13 U S GEOL SURVEY (LAT 29 04 47 LONG 082 25 09)											
APR / 1982						SEP / 1982					
22...	1535	225	24.0	--	3.5	08...	1420	238	22.5	--	3.8
PASCO COUNTY											
281023082450701 - COASTAL PASCO D. WELL 13 NR NEW PORT RICHEY, FL (LAT 28 10 23 LONG 082 45 07)											
MAY / 1982						SEP / 1982					
12...	0850	28500	25.0	--	9400	15...	0905	--	25.5	--	8600
281046082470801 - FPC WELL NO 1 NR TARPON SGS, FLA (LAT 28 10 46 LONG 082 47 08)											
MAY / 1982						SEP / 1982					
12...	0945	45000	24.5	--	17000	15...	0948	42000	24.5	--	16000
281046082470802 - FPC WELL NO 2 NR TARPON SGS, FLA (LAT 28 10 46 LONG 082 47 08)											
MAY / 1982						SEP / 1982					
12...	0927	3300	24.5	--	950	15...	0940	3600	25.0	--	1000
281053082310401 - ST PETE D. WELL 105 NR LAND O' LAKES, FLA (LAT 28 10 53 LONG 082 31 04)											
OCT / 1981						APR / 1982					
07...	1215	25000	23.0	--	7900	06...	1315	21500	22.5	--	5500
DEC						JUN					
10...	1245	21500	22.0	--	6800	03...	1355	14700	22.5	--	3500
FEB / 1982						AUG					
04...	1220	24000	22.0	--	7500	05...	1005	22500	25.0	--	6500
281532082412301 - NEW PORT RCHY D.WELL AT RICHEY LKS, FLA (LAT 28 15 32 LONG 082 41 23)											
NOV / 1981						MAY / 1982					
03...	1440	28500	25.5	--	9600	05...	1720	--	27.0	--	9300
JAN / 1982						JUL					
05...	1550	25500	26.0	--	9500	02...	1245	--	29.0	--	9600
MAR						SEP					
02...	1545	26500	23.5	--	9600	08...	1615	26200	26.0	--	9200
281642082440201 - COASTAL PASCO D. WELL 04 AT PORT RICHEY, FL (LAT 28 16 42 LONG 082 44 02)											
MAY / 1982						SEP / 1982					
12...	1231	41000	24.0	--	16000	15...	1150	42000	24.5	--	16000
281648082430201 - COASTAL PASCO D. WELL 05 AT PORT RICHEY, FL (LAT 28 16 48 LONG 082 43 02)											
MAY / 1982						SEP / 1982					
12...	1132	4600	23.5	--	1300	15...	1116	4200	24.0	--	1200
281917082420901 - ROMP TR 17-1 DEEP WELL AT BAYONET POINT, FL (LAT 28 19 17 LONG 082 42 09)											
NOV / 1981						MAY / 1982					
03...	1400	3280	25.0	--	860	05...	1625	3390	25.0	--	840
JAN / 1982						JUL					
05...	1500	3390	24.5	--	850	07...	1015	3300	27.0	--	860
MAR						SEP					
03...	1500	3100	24.5	--	880	09...	1638	3340	25.0	--	870

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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PASCO COUNTY

281922082403901 - ROMP TR 17-3 DEEP WELL NR BAYONET POINT, FL (LAT 28 19 22 LONG 082 40 39)

NOV / 1981	MAY / 1982
04... 1015 -- 24.5 -- 3300	14... 1112 10100 23.0 -- 3200
JAN / 1982	JUL
14... 1025 11100 23.5 -- 3300	06... 1345 11000 25.0 -- 3200
MAR	SEP
03... 1400 10000 23.5 -- 3300	10... 1337 10100 25.0 -- 3200

281948082415301 - WITHLACOOCHEE ELEC 01 AT BAYONET POINT, FL (LAT 28 19 48 LONG 082 41 53)

MAY / 1982	SEP / 1982
12... 1310 338 23.5 -- 17	15... 1244 329 24.0 -- 16

281954082413401 - PONDEROSA DEV D. WELL AT BAYONET POINT, FL (LAT 28 19 54 LONG 082 41 34)

MAY / 1982	SEP / 1982
12... 1340 340 25.0 -- 15	15... 1310 342 25.0 -- 16

282009082373801 - SR 52 D. WELL NR HUDSON, FLA (LAT 28 20 29 LONG 082 37 38)

NOV / 1981	MAY / 1982
04... 0950 276 24.5 -- 10	05... 1520 285 24.0 -- 6.8
JAN / 1982	JUL
05... 1345 279 24.0 -- 6.6	06... 1305 300 24.5 -- 9.0
MAR	SEP
03... 1325 280 23.5 -- 10	10... 1300 260 24.5 -- 5.8

282229082405801 - COASTAL PASCO D. WELL 02 AT HUDSON, FL (LAT 28 22 29 LONG 082 40 58)

MAY / 1982	SEP / 1982
12... 1415 30500 25.0 -- 11000	15... 1348 33200 25.0 -- 12000

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
PINELLAS COUNTY											
274242082384201 - 32S17E07 SHALLOW WELL 60 AT ST.PET.,FLA (LAT 27 42 42 LONG 082 38 42)											
FEB / 1982	24...	1212	292	25.0	-- 18						
274259082405502 - 32S16E10 SHALLOW WELL 59 AT ST.PET.,FLA (LAT 27 42 59 LONG 082 40 55)											
FEB / 1982	23...	1415	960	25.0	-- 170						
274607082404601 - 31S16E23 SHALLOW WELL 57 AT ST.PET.,FLA (LAT 27 46 07 LONG 082 40 46)											
FEB / 1982	23...	1045	260	26.5	-- 42						
274654082443106 - 30S16E31 SHALLOW WELL 52(B6)ATST.PETE,FL (LAT 27 46 54 LONG 082 44 31)											
FEB / 1982	18...	1030	--	--	-- 23						
274708082390701 - SUSAN AND CAPPY'S SH WELL AT ST.PETE.,FLA (LAT 27 47 08 LONG 082 39 07)											
FEB / 1982	04...	1325	375	25.0	-- 33						
274748082443505 - 31S16E07 SHALLOW WELL55 AT ST.PET.,FLA (LAT 27 47 48 LONG 082 44 35)											
FEB / 1982	18...	1255	515	25.0	-- 98						
274757082384901 - 31S17E07 SHALLOW WELL54 AT ST.PET.,FLA (LAT 27 47 57 LONG 082 38 49)											
FEB / 1982	18...	1440	--	25.5	-- 14						
274839082463301 - BAY PINES WELL NO. 161 (LAT 27 48 39 LONG 082 46 33)											
OCT / 1981	13...	0940	1400	24.0	-- 330	APR / 1982	08...	1225	1440	24.0	-- 320
DEC	10...	1440	1450	23.5	-- 330	JUN	03...	1155	1380	24.0	-- 310
FEB / 1982	11...	1105	1430	24.0	-- 330	AUG	05...	1205	1430	24.0	-- 320
274912082441001 - SOUTH CROSS BAYOU WELL S9 AT ST PETERSBURG FL (LAT 27 49 12 LONG 082 44 10)											
NOV / 1981	16...	1510	--	23.0	-- 25	MAY / 1982	27...	0915	--	24.5	-- 26
FEB / 1982	17...	0935	--	23.0	-- 34	AUG	10...	1300	--	25.0	-- 26
274916082404701 - 30S16E35 SHALLOW WELL53NR ST.PET.,FLA (LAT 27 49 16 LONG 082 40 47)											
FEB / 1982	16...	1310	270	28.0	-- 68						
274922082443101 - SOUTH CROSS BAYOU WELL B4 AT ST PETERSBURG FL (LAT 27 49 22 LONG 082 44 31)											
NOV / 1981	16...	1250	--	26.0	-- 18000	MAY / 1982	26...	1110	--	26.0	-- 18000
FEB / 1982	18...	1025	--	26.0	-- 18000	AUG	10...	1200	--	26.0	-- 18000
274925082445801 - SOUTH CROSS BAYOU WELL S13 AT ST PETERSBURG FL (LAT 27 49 25 LONG 082 44 58)											
NOV / 1981	17...	1507	--	24.0	-- 1000	MAY / 1982	27...	0940	--	25.0	-- 550
FEB / 1982	17...	1005	--	24.0	-- 1000	AUG	10...	1325	--	25.0	-- 1100

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
PINELLAS COUNTY											
274929082443503 - SOUTH CROSS BAYOU WELL A3 AT ST PETERSBURG FL (LAT 27 49 29 LONG 082 44 35)											
NOV / 1981						MAY / 1982					
16...	1055	--	26.5	--	18000	26...	1250	--	27.0	--	16000
FEB / 1982						AUG					
18...	1305	--	26.0	--	18000	10...	1005	--	26.5	--	18000
274929082443504 - SOUTH CROSS BAYOU WELL A4 AT ST PETERSBURG FL (LAT 27 49 29 LONG 082 44 35)											
NOV / 1981						MAY / 1982					
16...	1020	--	24.5	--	590	26...	1035	--	24.5	--	560
FEB / 1982						AUG					
18...	1120	--	24.0	--	600	10...	0935	--	24.5	--	600
274935082370206 - NORTH EAST INJ MON B10 (LAT 27 49 35 LONG 082 37 02)											
FEB / 1982											
24...	1520	4120	24.5	--	1400						
275024082491301 - 30S15E29 SHALLOW WELL 48 NR SEMINOLE, FL (LAT 27 50 24 LONG 082 49 13)											
FEB / 1982											
12...	1255	570	25.0	--	70						
275113082454401 - 30S15E24 SHALLOW WELL 47 NR SEMINOLE, FL (LAT 27 51 13 LONG 082 45 44)											
FEB / 1982											
12...	1050	1140	25.0	--	67						
275126082434401 - 30S16E20 SHALLOW WELL 46 NR PIN.PK., FLA (LAT 27 51 26 LONG 082 43 44)											
JAN / 1982											
27...	1540	338	24.0	--	77						
275153082385201 - 30S16E13 SHALLOW WELL 45 AT ST. PETE, FLA (LAT 27 51 53 LONG 082 38 52)											
FEB / 1982											
10...	1445	1060	24.5	--	100						
275203082495801 - 30S15E18 SHALLOW WELL 43 (LAT 27 52 03 LONG 082 49 58)											
FEB / 1982											
11...	1115	390	25.0	--	36						
275203082495901 - R. HARRINGTON WELL NR LARGO, FLA 43A (LAT 27 52 03 LONG 082 49 59)											
FEB / 1982											
11...	1130	445	24.5	--	44						
275217082404901 - PINELLAS CO. LF 30 (LAT 27 52 17 LONG 082 40 49)											
DEC / 1981						AUG / 1982					
08...	1500	560	25.0	--	--	16...	1415	600	26.5	--	--
JUL / 1982											
08...	1035	688	25.5	--	--						
275217082412501 - PINELLAS CO. LF 15 (LAT 27 52 17 LONG 082 41 25)											
FEB / 1982						AUG / 1982					
09...	1155	1030	24.2	--	--	17...	1145	1120	27.1	--	--
MAY											
04...	1410	1080	26.0	--	--						
275222082401901 - PINCOLF 34A (LAT 27 52 21 LONG 082 40 19)											
MAY / 1982											
13...	0900	880	--	--	--						
275222082401902 - PINCOLF 34B (LAT 27 52 21 LONG 082 40 19)											
MAY / 1982											
13...	0912	960	--	--	--						

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
PINELLAS COUNTY											
275222082504601 - MCKAY CREEK WELL S3 AT INDIAN ROCKS BEACH FL (LAT 27 52 22 LONG 082 50 46)											
NOV / 1981						MAY / 1982					
17...	1420	--	24.0	--	53	27...	1430	--	24.0	--	68
FEB / 1982						AUG					
19...	1425	--	23.5	--	66	11...	1415	--	24.0	--	64
275226082402003 - PINCOLF O 3 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20)											
DEC / 1981						JUL / 1982					
08...	1245	910	24.0	--	--	01...	1335	1630	29.5	--	--
275227082402003 - PINCOLF C 3 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20)											
DEC / 1981						JUL / 1982					
08...	0930	1180	20.0	--	--	01...	1140	2000	25.0	--	--
275241082503901 - MCKAY CREEK WELL C1 AT INDIAN ROCKS BEACH FL (LAT 27 52 41 LONG 082 50 39)											
NOV / 1981						MAY / 1982					
17...	1130	--	24.0	--	120	26...	1600	--	24.0	--	180
FEB / 1982						AUG					
19...	1120	--	23.5	--	120	11...	1100	--	24.0	--	100
275242082503901 - MCKAY CREEK WELLD1 AT INDIAN ROCKS BEACH FL (LAT 27 52 42 LONG 082 50 39)											
NOV / 1981						MAY / 1982					
18...	1025	--	27.0	--	17000	29...	1125	--	27.0	--	17000
FEB / 1982						AUG					
19...	1155	--	26.5	--	17000	11...	1140	--	27.0	--	17000
275245082501301 - MCKAY CREEK WELL S9 AT INDIAN ROCKS BEACH FL (LAT 27 52 45 LONG 082 50 13)											
NOV / 1981						MAY / 1982					
18...	1125	--	27.0	--	42	27...	1515	--	25.0	--	42
FEB / 1982						AUG					
17...	1045	--	25.5	--	47	11...	1450	--	25.5	--	43
275328082483601 - 30S15E09 SHALLOW WELL 41 (LAT 27 53 28 LONG 082 48 36)											
JAN / 1982											
27...	1130	257	24.5	--	18						
275340082444601 - 30S15E01 SHALLOW WELL 40 NR LARGO,FLA (LAT 27 53 40 LONG 082 44 46)											
FEB / 1982						JUL / 1982					
03...	1400	1670	27.0	--	330	08...	1645	1900	25.5	--	330
275411082413301 - 30S16E03 SHALLOW WELL 39 NR LARGO,FLA (LAT 27 54 11 LONG 082 41 33)											
FEB / 1982											
10...	1155	560	24.0	--	13						
275459082463101 - 29S15E35 SHALLOE WELL 37 NR LARGO,FLA (LAT 27 54 59 LONG 082 46 31)											
FEB / 1982											
08...	1510	595	26.0	--	100						
275631082435301 - CLE-DUN S. WELL 35 NR LARGO,FL (LAT 27 56 31 LONG 082 43 53)											
FEB / 1982											
05...	1345	430	26.0	--	13						
275636082450601 - GUESS,E. WELL AT CLEARWATER FL (LAT 27 56 36 LONG 082 45 06)											
MAY / 1982						SEP / 1982					
12...	1040	--	24.0	--	33	15...	0920	425	24.5	--	36

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
PINELLAS COUNTY											
275636082462901 - CLE-DUN D. WELL 33 NR LARGO, FL (LAT 27 56 36 LONG 082 46 29)											
MAY / 1982	12...	1050	410	23.5	-- 27						
275636082462902 - 29S15E23 SHALLOW WELL 33 AT CLEARWATER,FLA (LAT 27 56 36 LONG 082 46 29)											
JUL / 1982	08...	1310	215	25.5	-- 37						
275708082465301 - MCLENDON,R. WELL AT CLEARWATER FL (LAT 27 57 08 LONG 082 46 53)											
MAY / 1982	12...	1115	662	23.5	-- 110	SEP / 1982	15...	0900	630	26.0	-- 110
275753082433701 - CLE-DUN D. WELL 27 NR CLEARWATER,FL (LAT 27 57 53 LONG 082 43 37)											
SEP / 1982	29...	1130	40000	24.5	-- 15000						
275819082464201 - CLEARWATER COUNTRY CLUB WELL 1 AT CLEARWATER FL (LAT 27 58 19 LONG 082 46 42)											
MAY / 1982	12...	1030	720	24.0	-- 100	SEP / 1982	14...	1445	500	25.5	-- 63
275828082424201 - KING,J.WELL NR SAFETY HARBOR FL (LAT 27 58 28 LONG 082 42 42)											
MAY / 1982	12...	1000	590	23.5	-- 34	SEP / 1982	15...	0930	550	24.0	-- 36
275918082450302 - CLW 39 SH AT CLEARWATER FL (LAT 27 59 18 LONG 082 45 03)											
FEB / 1982	04...	1445	165	26.5	-- 30						
275925082421001 - CLE-DUN S. WELL 25 AT SAFETY HARBOR, FL (LAT 27 59 25 LONG 082 42 10)											
JAN / 1982	26...	1315	110	24.5	-- 13						
280015082471201 - CLE-DUN D. WELL 23 AT DUNEDIN,FL (LAT 28 00 15 LONG 082 47 12)											
MAY / 1982	11...	1305	--	24.5	-- 190	SEP / 1982	14...	1400	825	26.5	-- 150
280037082410201 - T2BSR16E34 SHALLOW WELL 23 NR SAFETY HARBOR,FLA (LAT 28 00 37 LONG 082 41 02)											
FEB / 1982	05...	1140	360	24.0	-- 10						
280042082422701 - STALLS,D.WELL NR SAFETY HARBOR FL (LAT 28 00 42 LONG 082 42 27)											
MAY / 1982	12...	0915	620	23.5	-- 27	SEP / 1982	15...	0945	580	24.0	-- 27
280059082431801 - B. STEINKAMPF'S WELL AT CLEARWATER, FLA (LAT 28 00 59 LONG 082 43 18)											
FEB / 1982	04...	1715	115	24.0	-- 24						
280059082464901 - CLE-DUN S. WELL 21 NR DUNEDIN, FL (LAT 28 00 59 LONG 082 46 49)											
FEB / 1982	04...	1100	--	26.5	-- 18						
280107082460401 - CLE-DUN S. WELL 18 AT DUNEDIN, FL (LAT 28 01 07 LONG 082 46 04)											
JUL / 1982	08...	1345	245	29.0	-- 38						

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
PINELLAS COUNTY											
280111082453501 - CLE-DUN D. WELL 15 AT DUNEDIN, FL (LAT 28 01 11 LONG 082 45 35)											
MAY / 1982						SEP / 1982					
11...	1405	682	23.5	--	81	14...	1345	600	24.0	--	81
280122082471101 - CLE-DUN D. WELL 22 AT DUNEDIN, FL (LAT 28 01 22 LONG 082 47 11)											
MAY / 1982						SEP / 1982					
11...	1145	4700	24.0	--	1300	14...	1310	6000	26.0	--	1600
280219082400701 - CITY OF OLDSMAR TEST WELL AT OLDSMAR, FLA (LAT 28 02 19 LONG 082 40 07)											
OCT / 1981						APR / 1982					
13...	1436	2430	24.5	--	640	09...	0810	2350	24.0	--	640
DEC						JUN					
11...	0910	2500	23.0	--	640	09...	0805	2380	24.0	--	620
FEB / 1982						AUG					
12...	0805	2400	24.0	--	640	06...	0837	2350	24.0	--	600
280228082465001 - CLE-DUN D. WELL 11 NR DUNEDIN, FL (LAT 28 02 28 LONG 082 46 50)											
MAY / 1982						SEP / 1982					
11...	1100	--	23.5	--	860	14...	1240	3600	26.5	--	920
280254082441602 - CLE-DUN D. WELL 17 NR DUNEDIN, FL (LAT 28 02 54 LONG 082 44 16)											
MAY / 1982						SEP / 1982					
11...	1440	1750	23.5	--	470	14...	1040	--	25.5	--	500
280254082441603 - CLE-DUN S. WELL 16 NR DUNEDIN, FL (LAT 28 02 54 LONG 082 44 16)											
FEB / 1982											
02...	1345	98	25.0	--	9.2						
280405082455401 - USGS 224 (LAT 28 04 05 LONG 082 45 54)											
FEB / 1982						JUL / 1982					
02...	1055	408	25.0	--	17	08...	1110	130	30.0	--	--
280420082451901 - CLE-DUN D. WELL 09 NR PALM HARBOR, FL (LAT 28 04 20 LONG 082 45 19)											
MAY / 1982						SEP / 1982					
11...	1005	--	24.5	--	620	14...	1135	2190	25.5	--	560
280457082420401 - BROOKER CRK S. WELL NR OLDSMAR, FLA (LAT 28 04 57 LONG 082 42 04)											
OCT / 1981						APR / 1982					
15...	0818	2900	24.5	--	840	12...	1453	2850	24.0	--	840
DEC						JUN					
14...	1205	2900	24.0	--	860	10...	0900	2820	24.0	--	840
FEB / 1982						AUG					
12...	1554	2900	24.0	--	840	04...	0812	2780	24.0	--	730
280457082420402 - BROOKER CREEK WELL NR OLDSMAR, FLA (LAT 28 04 57 LONG 082 42 04)											
OCT / 1981						APR / 1982					
15...	0855	4250	25.5	--	1300	12...	1432	4730	25.5	--	1400
DEC						JUN					
14...	1123	4500	25.0	--	1300	10...	0838	4600	25.5	--	1300
FEB / 1982						AUG					
12...	1533	4400	25.0	--	1300	04...	0830	4330	25.5	--	1200
280457082420403 - BROOKER CREEK SHALLOW (LAT 28 04 57 LONG 082 42 04)											
JAN / 1982											
28...	1455	112	22.0	--	25						

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)
PINELLAS COUNTY											
280459082423901 - CLE-DUN D. WELL 03 NR PALM HARBOR, FL (LAT 28 04 59 LONG 082 42 39)											
MAY / 1982						SEP / 1982					
11...	0900	2020	21.0	--	490	14...	0852	1900	25.0	--	420
280601082455301 - PINCO NWSTP 1020 BPND (LAT 28 06 01 LONG 082 45 53)											
FEB / 1982						SEP / 1982					
03...	1000	1120	22.0	--	290	01...	1045	460	26.0	--	72
APR											
26...	1200	1770	23.0	--	450						
280601082460301 - 810 BPND (LAT 28 06 01 LONG 082 46 03)											
FEB / 1982						SEP / 1982					
03...	0945	1750	22.5	--	460	01...	1010	2420	27.0	--	660
APR											
26...	1038	1770	23.0	--	440						
280614082411601 - E LAKE MONITOR M2 DP WELL NR TARPON SPRINGS, FL (LAT 28 06 14 LONG 082 41 16)											
MAR / 1982						SEP / 1982					
23...	1050	4750	24.5	--	1500	23...	1345	4900	25.0	--	1500
	1100	6600	24.5	--	1900	23...	1355	6200	25.0	--	1700
280614082462301 - PINCO NWSTP 604 HILS (LAT 28 06 14 LONG 082 46 23)											
FEB / 1982						SEP / 1982					
03...	1035	500	24.0	--	41	01...	0830	440	27.0	--	27
APR											
26...	1230	501	23.5	--	33						
280616082442501 - 616-425.1 NO 1 (LAT 28 06 16 LONG 082 44 25)											
JAN / 1982											
26...	1030	461	24.0	--	22						
280618082454001 - PINCO NWSTP 31 (LAT 28 06 18 LONG 082 45 40)											
FEB / 1982						SEP / 1982					
02...	1010	270	25.0	--	15	02...	1030	267	26.0	--	11
APR											
27...	1015	247	24.0	--	9.0						
280623082460501 - INNISBROOK 10 NEAR TARPON SPRINGS, FL (LAT 28 06 23 LONG 082 46 05)											
FEB / 1982						SEP / 1982					
02...	0915	230	22.0	--	12	02...	0935	231	27.0	--	10
APR											
27...	0855	214	23.5	--	7.0						
280625082453804 - INNISBROOK 16 NEAR TARPON SPRINGS, FL (LAT 28 06 25 LONG 082 45 38)											
FEB / 1982						SEP / 1982					
02...	1135	900	26.0	--	190	02...	1130	535	29.0	--	82
APR											
28...	1020	880	24.0	--	340						
280629082454204 - INNISBROOK 20D NEAR TARPON SPRINGS, FL (LAT 28 06 29 LONG 082 45 42)											
FEB / 1982						SEP / 1982					
02...	1420	840	25.5	--	150	02...	1315	855	27.5	--	140
APR											
27...	1115	849	22.5	--	120						
280629082454205 - INNISBROOK 20E NEAR TARPON SPRINGS, FL (LAT 28 06 29 LONG 082 45 42)											
FEB / 1982						SEP / 1982					
02...	1350	985	26.0	--	170	02...	1245	896	27.0	--	150
APR											
27...	1130	900	25.0	--	150						

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
PINELLAS COUNTY											
280630082415401 - GOLF COURSE DEEP WELL M-5 NEAR TARPON SPNGS., FL. (LAT 28 06 30 LONG 082 41 54)											
MAR / 1982						SEP / 1982					
22...	1510	1370	24.0	--	330	22...	1335	1380	24.0	--	300
22...	1535	3760	25.5	--	1000	22...	1350	3950	25.0	--	1000
280631082454504 - INNISBROOK 11 NEAR TARPON SPRINGS, FL (LAT 28 06 31 LONG 082 45 45)											
FEB / 1982						SEP / 1982					
02...	1320	950	24.0	--	190	03...	1010	850	26.5	--	150
APR / 1982											
27...	1215	854	29.5	--	140						
280631082454601 - N W PINELLAS INJ MON S. WELL NR TARPON SGS, FLA (LAT 28 06 31 LONG 082 45 52)											
FEB / 1982											
01...	1400	--	24.0	--	6.2						
280634082453405 - 27S15E25 INNISBROOK 144 (LAT 28 06 34 LONG 082 45 34)											
FEB / 1982						SEP / 1982					
03...	0915	775	22.0	--	180	03...	0915	570	29.0	--	123
APR / 1982											
28...	0850	1160	26.5	--	310						
280637082461201 - PINCO NWSTP 3915 DESOTO (LAT 28 06 37 LONG 082 46 12)											
FEB / 1982						SEP / 1982					
03...	1130	470	25.0	--	45	01...	0905	489	25.5	--	40
APR / 1982											
26...	1015	490	23.5	--	41						
280647082461401 - PINCO NWST 811 HARRY (LAT 28 06 47 LONG 082 46 14)											
FEB / 1982						SEP / 1982					
03...	1200	395	25.0	--	32	01...	0930	385	25.0	--	20
APR / 1982											
26...	0930	414	23.5	--	31						
280717082454201 - PINELLAS 3 (LAT 28 07 17 LONG 082 45 42)											
FEB / 1982											
01...	1015	163	22.5	--	29						
280734082442101 - ROMP TR 15-3 DEEP WELL AT TARPON SPRINGS, FL (LAT 28 07 34 LONG 082 44 21)											
OCT / 1981						APR / 1982					
15...	1114	4000	25.5	--	740	07...	1556	4000	25.0	--	730
DEC / 1981						JUN / 1982					
09...	0930	4200	24.0	--	730	02...	1511	4000	25.0	--	720
FEB / 1982						AUG / 1982					
09...	1519	4000	25.0	--	730	03...	1533	3750	25.0	--	680
280747082452001 - ROMP TR 15-2 DEEP WELL NEAR TARPON SPRINGS, FL (LAT 28 07 47 LONG 082 45 20)											
OCT / 1981						APR / 1982					
16...	1120	700	25.0	--	170	06...	1210	745	25.0	--	180
DEC / 1981						JUN / 1982					
15...	1610	805	24.0	--	190	04...	1505	710	25.0	--	160
FEB / 1982						AUG / 1982					
09...	1245	740	24.5	--	180	04...	1440	722	25.0	--	170
280753082465201 - ROMP TR 15-1 DEEP WELL NEAR TARPON SPRINGS, FL (LAT 28 07 53 LONG 082 46 52)											
OCT / 1981						APR / 1982					
16...	1155	3000	24.5	--	850	06...	1435	2450	24.0	--	630
DEC / 1981						JUN / 1982					
15...	1503	2520	23.5	--	650	02...	1554	2450	24.0	--	720
FEB / 1982						AUG / 1982					
09...	1607	2790	24.0	--	730	04...	1522	3080	24.5	--	820
280827082401501 - HORST RD S. WELL NR TARPON SPRINGS, FLA (LAT 28 08 27 LONG 082 40 15)											
JAN / 1982											
28...	1205	82	22.5	--	5.0						

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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PINELLAS COUNTY

280846082414301 - PINELLAS D. WELL 028 SOUTH NR TARPON SGS. (LAT 28 08 46 LONG 082 41 43)

MAR / 1982						SEP / 1982					
22...	1335	495	25.5	--	46	22...	1235	505	25.0	--	43
22...	1355	3550	26.5	--	880	22...	1250	3620	26.0	--	880

280847082414301 - PINELLAS CNTY DP WELL NORTH NEAR TARPON SPRINGS (LAT 28 08 47 LONG 082 41 43)

MAR / 1982						SEP / 1982					
22...	1415	348	25.0	--	12	22...	1210	335	25.5	--	12
22...	1440	371	25.0	--	16	22...	1220	390	25.0	--	--

280852082414301 - N. LK TARPON WELL NR TARPON SGS, FLA (LAT 28 08 52 LONG 082 41 43)

OCT / 1981						APR / 1982					
14...	1050	34000	27.0	--	12000	05...	1455	33500	26.5	--	12000
DEC						JUN					
07...	1605	34500	26.0	--	12000	01...	0829	33600	26.5	--	13000
FEB / 1982						AUG					
08...	1438	33000	26.5	--	12000	02...	0825	33600	26.5	--	12000

280904082400302 - EW MONITOR 3A DP WELL NR TARPON SPRINGS, FL (LAT 28 09 04 LONG 082 40 03)

MAR / 1982						SEP / 1982					
22...	1205	1120	26.0	--	140	22...	1105	1150	25.5	--	140
22...	1225	141	25.0	--	16	22...	1125	135	25.0	--	17
22...	1240	3100	27.0	--	480	22...	1130	3200	26.0	--	470

280907082424801 - TARPON RD D. WELL NR TARPON SPRINGS, FLA (LAT 28 09 07 LONG 082 42 48)

OCT / 1981						APR / 1982					
14...	1030	505	25.5	--	55	12...	0812	505	25.0	--	53
DEC						JUN					
14...	0943	510	24.5	--	56	09...	0955	517	25.0	--	50
FEB / 1982						AUG					
12...	0948	507	25.0	--	51	06...	1120	503	25.0	--	50

280942082411801 - EW NORTHWEST DP WELL (LAT 28 09 42 LONG 082 41 18)

MAR / 1982						SEP / 1982					
23...	1315	390	25.0	--	9.2	23...	1020	400	24.5	--	9.9
23...	1335	290	24.5	--	24	23...	1045	255	25.0	--	21
23...	1350	388	25.0	--	9.4	23...	1100	400	25.0	--	9.7

280944082390801 - EW MONITOR N1 DP WELL NR TARPON SPRINGS, FL (LAT 28 09 44 LONG 082 39 03)

MAR / 1982						SEP / 1982					
22...	1050	422	24.0	--	9.8	22...	0950	446	24.5	--	9.7
22...	1105	305	24.0	--	9.6	22...	1000	120	24.0	--	9.0
22...	1125	1170	26.0	--	32	22...	1020	1220	24.0	--	33

281020082395701 - ELDR. WILDE D. WELL 005 NR TARPON SGS, FLA (LAT 28 10 20 LONG 082 39 57)

OCT / 1981						APR / 1982					
14...	1225	375	--	--	7.8	05...	1055	340	26.0	--	5.6
DEC						JUN					
07...	1205	378	23.0	--	13	01...	1120	348	26.0	--	4.0
FEB / 1982						AUG					
08...	1105	--	25.0	--	7.8	02...	1115	340	26.0	--	5.2

281022082420701 - EW NORTHWEST SH WELL (LAT 28 10 22 LONG 082 42 07)

MAR / 1982						SEP / 1982					
23...	1450	422	24.0	--	17	23...	1245	435	24.0	--	16
23...	1510	459	24.5	--	25	23...	1255	480	24.0	--	25

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)
POLK COUNTY											
275314081514201 - ROMP 59 AVON PARK WELL AT BARTOW, FL (LAT 27 53 14 LONG 081 51 42)											
OCT / 1981						APR / 1982					
05...	1145	5450	23.0	--	750	08...	1149	4400	22.5	--	480
DEC						JUN					
07...	1155	4200	23.0	--	650	07...	1154	4520	23.5	--	460
FEB / 1982						AUG					
01...	1225	4640	22.0	--	40	02...	1215	3490	22.0	--	220
275408081595702 - KAISER ANNULUS MONITOR A DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57)											
DEC / 1981						JUN / 1982					
03...	1450	8500	24.0	--	2000	30...	0915	9000	28.5	--	1800
MAR / 1982											
30...	1420	9250	27.0	--	1800						
275408081595703 - KAISER ANNULUS MONITOR B DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57)											
DEC / 1981						JUN / 1982					
03...	1505	2750	23.0	--	40	30...	0915	2990	29.0	--	34
MAR / 1982											
30...	1500	2800	27.5	--	40						
275430082000401 - KAISER SATELLITE MON NO. 1 NR MULBERRY (LAT 27 54 30 LONG 082 00 04)											
DEC / 1981											
03...	1420	85000	25.0	--	72000						

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)		
SARASOTA COUNTY													
265622082121601 - SMITH WELL NR EL JOBEAN , FL (LAT 26 56 22 LONG 082 12 16)													
FEB , 1982	11...	1700	7000	26.0	480	2300							
270018082210902 - CH2M HILL CORNER POWER LINE DEEP (LAT 27 00 18 LONG 082 21 09)													
FEB , 1982	18...	1403	--	--	39	500							
270240082235701 - RCMP TR4-2 WELL NR VENICE FL (LAT 27 02 40 LONG 082 23 57)													
OCT , 1981	14...	1125	--	--	--	280	MAY , 1982	19...	1630	2350	24.5	720	260
JAN , 1982	07...	1542	2430	22.5	--	280	JUL	21...	1530	2330	25.5	--	280
MAR	18...	0903	2220	25.0	--	270							
270737082271501 - PALM PINES TRAILER PARK (LAT 27 07 37 LONG 082 27 15)													
MAR , 1982	05...	0943	2200	--	1200	76	MAR , 1982	05...	1000	1800	--	900	60
270744082194901 - MAC ARTHUR WELL 3-32 NR SARASOTA, FL (LAT 27 07 44 LONG 082 19 49)													
JUL , 1982	07...	0900	370	28.0	15	23							
270748082184401 - MAC ARTHUR WELL 7-33 NR SARASOTA, FL (LAT 27 07 48 LONG 082 18 44)													
JUL , 1982	07...	1050	475	24.0	2.1	33							
270751082203801 - MAC ARTHUR WELL 3-31 NR SARASOTA, FL (LAT 27 07 51 LONG 082 20 38)													
JUL , 1982	07...	0815	710	26.0	41	28							
270752082154401 - MAC ARTHUR WELL 11-36 NR SARASOTA, FL (LAT 27 07 52 LONG 082 15 44)													
JUL , 1982	08...	1100	530	26.0	.6	22							
270757082270101 - DIEGEL CITRUS AVE (LAT 27 07 57 LONG 082 27 01)													
FEB , 1982	18...	1530	--	--	1400	130							
270807082164701 - MAC ARTHUR WELL 11-35 NR SARASOTA, FL (LAT 27 08 07 LONG 082 16 47)													
JUL , 1982	08...	0915	540	--	.4	20							
270807082173301 - MAC ARTHUR WELL 7-27 NR SARASOTA, FL (LAT 27 08 07 LONG 082 17 33)													
JUL , 1982	08...	0730	600	27.0	2.1	51	JUL , 1982	08...	0830	600	27.0	--	51
270832082183801 - MAC ARTHUR WELL 7-28 NR SARASOTA, FL (LAT 27 08 32 LONG 082 18 38)													
JUL , 1982	07...	1130	600	27.0	.4	37							
270839082194301 - MAC ARTHUR WELL 3-29 NR SARASOTA, FL (LAT 27 08 38 LONG 082 19 43)													
JUL , 1982	07...	1015	80	25.0	2.4	22							
270839082152901 - MAC ARTHUR WELL 11-25 NR SARASOTA, FL (LAT 27 08 39 LONG 082 15 29)													
JUL , 1982	08...	1030	535	25.0	.2	26							

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)		
SARASOTA COUNTY													
270839082203701 - MAC ARTHUR WELL 3-30 NR SARASOTA, FL (LAT 27 08 39 LONG 082 20 37)													
JUL / 1982	07...	0940	1060	27.0	54	110							
270842082163901 - MAC ARTHUR WELL 11-26 NR SARASOTA, FL (LAT 27 08 42 LONG 082 16 39)													
JUL / 1982	08...	0755	470	27.0	14	13	JUL / 1982	19...	0755	915	27.5	45	80
270926082144201 - MAC ARTHUR WELL 14-19 NR SARASOTA, FL (LAT 27 09 26 LONG 082 14 42)													
JUL / 1982	19...	0940	460	27.0	2.4	29							
270932082124601 - MACARTHUR WELL 17-21 NEAR SARASOTA FL (LAT 27 09 32 LONG 082 12 46)													
AUG / 1982	26...	1117	690	24.5	45	59							
270932082195201 - MAC ARTHUR WELL 2-20 NR SARASOTA, FL (LAT 27 09 32 LONG 082 19 52)													
JUL / 1982	06...	1135	410	28.0	1.4	61							
270933082203601 - MAC ARTHUR WELL 2-19 NR SARASOTA, FL (LAT 27 09 33 LONG 082 20 36)													
JUL / 1982	06...	1045	--	29.0	2.8	25							
270934082154101 - MAC ARTHUR WELL 10-24 NR SARASOTA, FL (LAT 27 09 34 LONG 082 15 41)													
JUL / 1982	19...	0845	635	26.0	1.8	69							
270934082174401 - MAC ARTHUR WELL 6-22 NR SARASOTA, FL (LAT 27 09 34 LONG 082 17 44)													
JUN / 1982	30...	1150	--	28.0	4.8	13							
270936082183801 - MAC ARTHUR WELL 6-21 NR SARASOTA, FL (LAT 27 09 36 LONG 082 18 38)													
JUN / 1982	30...	1250	4300	29.0	130	1200							
270959082203003 - ROMP 19 WS WELL NEAR SARASOTA, FL (LAT 27 09 59 LONG 082 20 30)													
FEB / 1982	18...	1130	--	--	.1	56							
271019032124701 - MACARTHUR WELL 17-16 NEAR SARASOTA FL (LAT 27 10 19 LONG 082 12 47)													
AUG / 1982	26...	1023	415	25.5	2.0	38							
271021082151603 - ROMP 19 ES WELL NEAR SARASOTA, FL (LAT 27 10 21 LONG 082 15 16)													
JAN / 1982	15...	1601	940	20.0	--	--	JUN / 1982	14...	1334	990	25.0	110	62
FEB	18...	1005	--	--	111	67	SEP	16...	1110	900	26.0	--	--
MAR	17...	0932	930	23.0	--	--		29...	1330	--	24.0	110	65
271021082163901 - MAC ARTHUR WELL 10-14 NR SARASOTA, FL (LAT 27 10 21 LONG 082 16 39)													
JUL / 1982	19...	1220	530	26.0	180	20							
271023082193701 - MAC ARTHUR WELL 2-17 NR SARASOTA, FL (LAT 27 10 23 LONG 082 19 37)													
JUL / 1982	06...	0845	420	26.5	.2	17							

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
SARASOTA COUNTY											
271024082154101 - MAC ARTHUR WELL 10-13 NR SARASOTA, FL (LAT 27 10 24 LONG 082 15 41)											
JUL / 1982	19...	1120	170	26.5	16						
271025082144401 - MAC ARTHUR WELL 14-18 NR SARASOTA, FL (LAT 27 10 25 LONG 082 14 44)											
JUL / 1982	19...	1030	310	--	1.8						
271026082204001 - MAC ARTHUR WELL 2-18 NR SARASOTA, FL (LAT 27 10 26 LONG 082 20 40)											
JUL / 1982	06...	1005	310	30.0	1.5						
271028082174101 - MAC ARTHUR WELL 6-15 NR SARASOTA, FL (LAT 27 10 28 LONG 082 17 41)											
JUN / 1982	30...	0941	575	--	120						
271035082185001 - MAC ARTHUR WELL 6-16 NR SARASOTA, FL (LAT 27 10 35 LONG 082 18 50)											
JUL / 1982	06...	0751	235	24.0	3.6						
271116082144401 - MAC ARTHUR WELL 13-7 NR SARASOTA, FL (LAT 27 11 16 LONG 082 14 44)											
JUL / 1982	12...	0930	400	27.5	.2						
271117082134701 - MAC ARTHUR WELL 13-8 NR SARASOTA, FL (LAT 27 11 17 LONG 082 13 47)											
JUL / 1982	12...	1000	--	24.5	.2						
271121082173501 - MAC ARTHUR WELL 5-10 NR SARASOTA, FL (LAT 27 11 21 LONG 082 17 35)											
JUN / 1982	29...	1310	335	24.5	7.0						
271127082155701 - MAC ARTHUR WELL 9.-12 NR SARASOTA, FL (LAT 27 11 27 LONG 082 15 57)											
JUN / 1982	30...	0805	420	24.0	.0						
271134082092201 - BIG SLOUGH DEEP WELL NEAR ARCADIA, FL. (LAT 27 11 34 LONG 082 09 22)											
FEB / 1982	18...	0905	--	--	66	SEP / 1982	29...	1115	935	25.5	-- 110
JUN	14...	1445	960	26.5	--						
271134082092202 - BIG SLOUGH SHALLOW WELL NEAR ARCADIA, FL. (LAT 27 11 34 LONG 082 09 22)											
SEP / 1982	29...	1215	615	27.0	--						
271152082123701 - MAC ARTHUR WELL 16-4 NR SARASOTA, FL (LAT 27 11 52 LONG 082 12 37)											
JUL / 1982	12...	0730	1020	23.0	78						
271205082144501 - MAC ARTHUR WELL 13-6 NR SARASOTA, FL (LAT 27 12 05 LONG 082 14 45)											
JUL / 1982	12...	0845	--	27.0	1.5						
271207082154301 - MAC ARTHUR WELL 9-1 NR SARASOTA, FL (LAT 27 12 07 LONG 082 15 43)											
JUN / 1982	30...	0848	660	24.5	17						

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)
SARASOTA COUNTY											
271208082164201 - MAC ARTHUR WELL 9-2 NR SARASOTA, FL (LAT 27 12 08 LONG 082 16 42)											
JUN / 1982	29...	1428	190	24.0	.8 16						
271208092284901 - PALMER CORP WELL NR OSPREY, FL (LAT 27 12 08 LONG 082 28 49)											
FEB / 1982	03...	1400	2330	25.5	1200 50						
271212082173501 - MAC ARTHUR WELL 5-3 NR SARASOTA, FL (LAT 27 12 12 LONG 082 17 35)											
JUN / 1982	29...	1228	513	26.0	.6 15						
271222082295201 - SARASOTA COUNTY HISTORICAL SOCIETY WELL (LAT 27 12 22 LONG 082 29 52)											
FEB / 1982	08...	1500	2150	25.5	1100 36						
271225082295301 - OAKS PROPERTY NR OSPREY, FL (LAT 27 12 25 LONG 082 29 53)											
FEB / 1982	08...	1340	2650	26.0	1500 80						
271226082294601 - OAKS PROP NR OSPREY, FL (LAT 27 12 26 LONG 082 29 46)											
FEB / 1982	26...	1230	2450	25.0	1400 60						
271301082163801 - MAC ARTHUR WELL 8-35 NR SARASOTA, FL (LAT 27 13 01 LONG 082 16 38)											
JUN / 1982	30...	0717	215	24.0	3.2 29						
271303082173401 - MAC ARTHUR WELL 4-34 NR SARASOTA, FL (LAT 27 13 03 LONG 082 17 34)											
JUN / 1982	29...	1127	650	26.0	1.0 37						
271428082305301 - DIEGEL LITTLE PT CIR (LAT 27 14 28 LONG 082 30 53)											
FEB / 1982	16...	1310	--	--	76 21						
271550082320501 - GUEST MEADOWOOD (LAT 27 15 50 LONG 082 32 05)											
MAR / 1982	04...	1230	--	--	61 25						
271552082262301 - KANSAS CITY ROYALS BASEBALL (LAT 27 15 52 LONG 082 26 23)											
MAR / 1982	04...	1330	890	--	160 62						
271557082271002 - ORANGE ACRES MHP DEEP WELL (LAT 27 15 57 LONG 082 27 10)											
FEB / 1982	16...	1430	--	--	280 62						
271601082330501 - ROMP TR 6-1 HAWTHORN WELL NEAR SARASOTA FL (LAT 27 16 01 LONG 082 33 05)											
JAN / 1982	11...	1135	2440	27.0	-- 300	MAY / 1982	19...	1415	2480	26.5	-- 310
FEB	16...	1230	--	--	850 320	AUG	11...	1340	2570	27.5	-- 310
271616082271601 - WINDWARD ISLES MHP (LAT 27 16 16 LONG 082 27 16)											
FEB / 1982	04...	1300	725	--	150 63						

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	
SARASOTA COUNTY												
271633082311901 - HAWKINS SEEDS D.WELL NR SARASOTA,FL (LAT 27 16 33 LONG 082 31 19)												
FEB / 1982	16...	1345	--	--	950							
271733082285701 - WEST FLA CHRISTIAN SCHOOL GYM (LAT 27 17 33 LONG 082 28 57)												
JUL / 1982	22...	1100	950	--	270						42	
271821082155101 - 36S20E36 (LAT 27 18 21 LONG 082 15 51)												
FEB / 1982	17...	1400	--	--	2.6						5.6	
271901082275601 - PETERS TURTLE CREEK D.WELL NR SARASOTA,FL (LAT 27 19 01 LONG 082 27 56)												
FEB / 1982	17...	1145	--	--	5.7						240	
272038082292401 - BOBBY JONES WELL 3 NR SARASOTA, FL (LAT 27 20 38 LONG 082 29 24)												
SEP / 1982	09...	1010	990	26.0	360						32	
272039082291801 - BOBBY JONES WELL 3 NR SARASOTA, FL (LAT 27 20 39 LONG 082 29 18)												
SEP / 1982	09...	1030	970	25.0	310						38	
272040082325501 - CITY OF SARASOTA NEW HOG AT SARASOTA, FL (LAT 27 20 40 LONG 082 32 55)												
SEP / 1982	09...	1135	2250	27.5	910						200	
272040082325801 - CITY OF SARASOTA BIG HOG AT SARASOTA, FL (LAT 27 20 40 LONG 082 32 58)												
SEP / 1982	09...	1122	1840	27.0	--						--	
272047082291501 - BOBBY JONES WELL 6 NR SARASOTA, FL (LAT 27 20 47 LONG 082 29 15)												
SEP / 1982	09...	0953	1180	25.5	430						62	
272053082291001 - BOBBY JONES WELL 5 NR SARASOTA, FL (LAT 27 20 53 LONG 082 29 10)												
SEP / 1982	09...	0936	1310	26.5	580						38	
272053082320202 - INJECTION WELL 2 AT SARASOTA,FLA (LAT 27 20 53 LONG 082 32 02)												
MAY / 1982	17...	1400	5750	26.5	--						1100	
272113082330201 - CITY OF SARASOTA ALAMEDA AVENUE (LAT 27 21 13 LONG 082 33 02)												
AUG / 1982	30...	1100	2050	28.0	770						200	
272119082324801 - CITY OF SARASOTA PANAMA DR. WELL AT SARASOTA,FL (LAT 27 21 19 LONG 082 32 48)												
APR / 1982	14...	0940	--	--	780	AUG / 1982	31...	1310	2350	26.0	820	300
272120082322701 - CITY OF SARASOTA 21 AND RAILROAD (LAT 27 21 20 LONG 082 32 27)												
AUG / 1982	30...	0900	1800	27.5	730						130	

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)
SARASOTA COUNTY											
272121082363601 - LONGBOAT KEY CLUB AT LONGBOAT KEY, FL (LAT 27 21 21 LONG 082 36 36)											
JAN / 1982	18...	1300	2400	--	690	340					
272122082330801 - CITY OF SARASOTA -- 22ND ST. & THE BAY (LAT 27 21 22 LONG 082 33 08)											
AUG / 1982	30...	1040	--	27.5	690	190					
272127082323801 - CITY OF SARASOTA AND COCONUT (LAT 27 21 27 LONG 082 32 38)											
AUG / 1982	30...	0930	2000	27.5	860	230					
272129082330202 - CITY OF SARASOTA HICKORY AVENUE (LAT 27 21 29 LONG 082 33 02)											
AUG / 1982	30...	1010	2000	27.5	770	230					
272151082151801 - VERNA PROD WELL 39 (LAT 27 21 51 LONG 082 15 18)											
SEP / 1982	02...	1140	970	27.0	400	17					
272213082154901 - VERNA PROD WELL 38 (LAT 27 22 13 LONG 082 15 49)											
SEP / 1982	02...	1127	960	27.0	340	18					
272218082152701 - VERNA PROD WELL 35 (LAT 27 22 18 LONG 082 15 27)											
SEP / 1982	02...	1101	950	27.5	350	18					
272219082151701 - VERNA PROD WELL 37 (LAT 27 22 19 LONG 082 15 17)											
SEP / 1982	02...	1113	780	26.5	230	17					
272220082151201 - VERNA PROD WELL 36 (LAT 27 22 20 LONG 082 15 12)											
SEP / 1982	02...	1051	720	26.0	170	25					
272225082152001 - VERNA PROD WELL 34 (LAT 27 22 25 LONG 082 15 20)											
SEP / 1982	02...	1027	985	28.0	390	18					
272233082151101 - VERNA PROD WELL 32 (LAT 27 22 33 LONG 082 15 11)											
SEP / 1982	02...	1038	995	27.0	380	19					
272233082152701 - VERNA PROD WELL 31 (LAT 27 22 33 LONG 082 15 27)											
SEP / 1982	02...	1015	1040	27.5	430	18					
272247082170201 - VERNA PROD WELL 23 (LAT 27 22 47 LONG 082 17 02)											
SEP / 1982	01...	1345	940	26.0	320	19					
272248082162801 - VERNA PROD WELL 29 (LAT 27 22 48 LONG 082 16 28)											
SEP / 1982	01...	1458	1100	27.5	450	18					
272248082164501 - VERNA PROD WELL 26 (LAT 27 22 48 LONG 082 16 45)											
SEP / 1982	01...	1425	1100	27.0	450	18					

GROUND WATER QUALITY RECORDS
 OCTOBER 1981 TO SEPTEMBER 1982
 TEMPERATURE, CONDUCTANCE, CHLORIDE,
 AND SULFATE DATA

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DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)		
SARASOTA COUNTY													
272248082171901 - VERNA PROD. WELL 20 (LAT 27 22 48 LONG 082 17 19)													
SEP / 1982	01...	1245	995	26.5	390						18		
272248082173601 - VERNA PROD WELL 17 (LAT 27 22 48 LONG 082 17 36)													
SEP / 1982	01...	1155	850	26.0	250						28		
272248082175301 - VERNA PROD WELL 14 (LAT 27 22 48 LONG 082 17 53)													
SEP / 1982	01...	1045	980	27.0	360						19		
272248082180801 - VERNA PROD WELL 11 (LAT 27 22 48 LONG 082 18 08)													
SEP / 1982	01...	1035	970	27.0	300						31		
272248082184601 - VERNA PROD WELL 5 (LAT 27 22 48 LONG 082 18 46)													
SEP / 1982	01...	0912	1090	26.5	440						25		
272248082190301 - VERNA PROD WELL 2 (LAT 27 22 48 LONG 082 19 03)													
SEP / 1982	01...	0853	1060	27.5	420						24		
272255082172202 - KME RECHARGE WELL NEAR VERNA,FLA (LAT 27 22 55 LONG 082 17 22)													
OCT / 1981	15...	1420	1557	25.0	--	41	MAY / 1982	14...	1430	1740	24.0	--	--
272256082163501 - VERNA PROD WELL 27 (LAT 27 22 56 LONG 082 16 35)													
SEP / 1982	01...	1439	1230	28.0	510						16		
272257082162801 - VERNA PROD WELL 28 (LAT 27 22 57 LONG 082 16 28)													
SEP / 1982	01...	1458	1080	27.0	400						17		
272257082165401 - VERNA PROD WELL 24 (LAT 27 22 57 LONG 082 16 54)													
SEP / 1982	01...	1400	1120	26.5	440						19		
272257082171001 - VERNA PROD WELL 21 (LAT 27 22 57 LONG 082 17 10)													
SEP / 1982	01...	1324	1470	28.0	710						19		
272257082174401 - VERNA PROD WELL 15 (LAT 27 22 57 LONG 082 17 44)													
SEP / 1982	01...	1113	1200	27.0	520						18		
272257082180201 - VERNA PROD WELL 12 (LAT 27 22 57 LONG 082 18 02)													
SEP / 1982	01...	1025	1140	28.0	500						19		
272257082180202 - VERNA W T WELL 11 (LAT 27 22 57 LONG 082 18 02)													
FEB / 1982	17...	1450	--	--	.0	17							

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TEMPERATURE, CONDUCTANCE, CHLORIDE,
AND SULFATE DATA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)		
SARASOTA COUNTY													
272257082181801 - VERNA PROD WELL 9 (LAT 27 22 57 LONG 082 18 18)													
SEP / 1982	01...	1005	1190	28.0	560	19							
272257082183601 - VERNA PROD WELL 6 (LAT 27 22 57 LONG 082 18 36)													
SEP / 1982	01...	0912	1060	27.0	420	22							
272257082185401 - VERNA PROD WELL 3 (LAT 27 22 57 LONG 082 18 54)													
SEP / 1982	01...	1132	1000	27.0	350	25							
272305082190301 - VERNA PROD WELL 1 (LAT 27 23 05 LONG 082 19 03)													
SEP / 1982	01...	0845	1160	29.0	530	24							
272306082182701 - VERNA PROD WELL 7 (LAT 27 23 06 LONG 082 18 27)													
SEP / 1982	01...	0951	960	25.5	340	25							
272306082184601 - VERNA PROD WELL 4 (LAT 27 23 06 LONG 082 18 46)													
SEP / 1982	01...	0927	765	26.0	220	24							
272307082164501 - VERNA PROD WELL 25 (LAT 27 23 07 LONG 082 16 45)													
SEP / 1982	01...	1410	1100	26.5	440	18							
272307082170201 - VERNA PROD WELL 22 (LAT 27 23 07 LONG 082 17 02)													
SEP / 1982	01...	1333	940	26.0	320	17							
272307082171801 - VERNA PROD WELL 19 (LAT 27 23 07 LONG 082 17 18)													
SEP / 1982	01...	1317	850	26.0	290	18							
272307082173701 - VERNA PROD WELL 16 (LAT 27 23 07 LONG 082 17 37)													
SEP / 1982	01...	1305	990	26.5	380	19							
272307082175301 - VERNA PROD WELL 13 (LAT 27 23 07 LONG 082 17 53)													
SEP / 1982	01...	1100	1000	26.5	380	18							
272307082180901 - VERNA PROD WELL 10 (LAT 27 23 07 LONG 082 18 09)													
SEP / 1982	01...	1014	960	27.0	350	21							
272317082302401 - CO LINE TEST WELL 1 NEAR SARASOTA, FL (LAT 27 23 17 LONG 082 30 24)													
JUN / 1982	09...	1133	650	25.0	12	27	JUL / 1982	09...	1155	955	27.5	290	45
	09...	1500	550	25.5	12	27							
	10...	1400	560	24.5	13	28							
275242082503902 - MCKAY CREEK WELLD0 AT INDIAN ROCKS BEACH, FL (LAT 27 52 42 LONG 082 50 39)													
NOV / 1981	17...	1215	--	24.5	--	1900	MAY / 1982	27...	1205	--	24.5	--	2000
FEB / 1982	19...	1220	--	24.0	--	2000	AUG	11...	1205	--	24.5	--	2000

GROUND WATER QUALITY RECORDS

Major Constituents

Data in this section include the following parameters:

pH	Color
Hardness	Hardness, noncarbonate
Calcium, dissolved	Magnesium, dissolved
Sodium, dissolved	Sodium, adsorption ratio
Potassium, dissolved	Bicarbonate Fet-Fld
Carbonate Fet-Fld	Alkalinity, field
Fluoride, dissolved	Solids, residue at 180°C dissolved
Solids, sum of constituents, dissolved	Solids, dissolved
Phosphorous, ortho, total	Iron, total recoverable
Iron, dissolved	Strontium, 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 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

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DATE	ALKA- LINITY FIELD (MG/L AS CAC03) (00410)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	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)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
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CHARLOTTE COUNTY

270152082002801 - ROMP 10 OLIGOCENE WELL NEAR PORT CHARLOTTE, FL (LAT 27 01 52 LONG 082 00 28)

APR / 1982										
05...	--	1.8	--	--	--	--	--	--	--	16000
JUN										
09...	--	1.9	--	--	--	--	--	--	--	--
AUG										
02...	--	1.8	--	--	--	--	--	--	--	14000

270152082002802 - ROMP 10 LIMESTONE WELL NEAR PORT CHARLOTTE, FL (LAT 27 01 52 LONG 082 00 28)

APR / 1982										
05...	--	1.1	--	--	--	--	--	--	--	19000
JUN										
09...	--	1.6	--	--	--	--	--	--	--	29000
AUG										
02...	--	2.0	--	--	--	--	--	--	--	14000

270152082002803 - ROMP 10 HAWTHORN WELL NEAR PORT CHARLOTTE, FL (LAT 27 01 52 LONG 082 00 28)

APR / 1982										
05...	--	1.1	--	--	--	--	--	--	--	18000
JUN										
09...	--	1.2	--	--	--	--	--	--	--	36000
AUG										
02...	--	1.2	--	--	--	--	--	--	--	16000

CITRUS COUNTY

290216082292001 - 90222901 16S18E33 CE 77 U S GEOL SURVEY (LAT 29 02 16 LONG 082 29 20)

APR / 1982										
23...	--	--	--	--	--	.020	--	--	--	--
SEP										
09...	--	--	--	--	--	.020	--	--	--	--

HILLSBOROUGH COUNTY

273845082314001 - SW HILLS CO 5 NR RUSKIN (LAT 27 38 45 LONG 082 31 40)

MAY / 1982										
13...	--	--	738	--	--	--	--	--	--	--

274030082285201 - SW HILLS CO 18 NR RUSKIN (LAT 27 40 30 LONG 082 28 52)

MAY / 1982										
13...	--	--	582	--	--	--	--	--	--	--

274221082282401 - SW HILLS CO 54 NR RUSKIN (LAT 27 42 21 LONG 082 28 24)

MAY / 1982										
13...	--	--	812	--	--	--	--	--	--	--

274252082232401 - RUSKIN #10(SW HILLS CO 67) NR RUSKIN (LAT 27 42 52 LONG 082 23 24)

MAY / 1982										
13...	--	--	562	--	--	--	--	--	--	--

274322082202601 - SUN CITY #5(SW HILLS CO 79) NR WIMAUMA (LAT 27 43 22 LONG 082 20 26)

MAY / 1982										
13...	--	--	400	--	--	--	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

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DATE	ALKA- LINITY FIELD (MG/L AS CAC03) (00410)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	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)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
HILLSBOROUGH COUNTY										
275547082211701 - JOE SUAREZ 2 NR RIVERVIEW (LAT 27 55 47 LONG 082 21 17)										
MAY / 1982 14...	--	--	424	--	--	--	--	--	--	--
275548082181201 - AMERICAN DAIRY #1 NR VALRICO (LAT 27 55 48 LONG 082 18 12)										
MAY / 1982 13...	--	--	278	--	--	--	--	--	--	--
275611082211101 - SEABOARD UTILITIES #7 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 11)										
MAY / 1982 14...	--	--	--	--	--	--	--	--	--	--
275611082211701 - SEABOARD UTILITIES #8 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 17)										
MAY / 1982 14...	--	--	450	--	--	--	--	--	--	--
275611082213801 - SEABOARD UTILITIES #2 NR RIVERVIEW (LAT 27 56 11 LONG 082 21 38)										
MAY / 1982 14...	--	--	--	--	--	--	--	--	--	--
275623082194201 - CAREY CATTLE SALES NR VALRICO (LAT 27 56 23 LONG 082 19 42)										
MAY / 1982 14...	--	--	246	--	--	--	--	--	--	--
275629082234001 - PALM RIVER WELL 5 AT TAMPA,FLA (WQ-04) (LAT 27 56 29 LONG 082 23 40)										
MAY / 1982 12...	239	.3	379	344	--	--	700	--	--	630
275629082242201 - PALM RIVER WELL 13 AT TAMPA,FLA (LAT 27 56 29 LONG 082 24 22)										
MAY / 1982 14...	--	--	1830	--	--	--	--	--	--	--
275642082224201 - PALM RIVER WELL 18 AT TAMPA,FLA (WQ-07) (LAT 27 56 42 LONG 082 22 42)										
MAY / 1982 14...	--	--	1160	--	--	--	--	--	--	--
275647082232201 - PALM RIVER WELL 6 AT TAMPA,FLA (LAT 27 56 47 LONG 082 23 22)										
APR / 1982 15...	--	--	1420	--	--	--	--	--	--	--
275653082231101 - USCE WELL TBC-15 AT TAMPA,FLA (LAT 27 56 53 LONG 082 23 11)										
MAY / 1982 12...	--	--	2430	--	--	--	--	--	--	--
275657082201001 - GADD CONCRETE NR VALRICO (LAT 27 56 57 LONG 082 20 10)										
MAY / 1982 13...	--	--	278	--	--	--	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	PH (STAND- ARD UNITS) (00400)	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)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLD (MG/L AS HC03) (00440)	CAR- BONATE FET-FLD (MG/L AS C03) (00445)
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HILLSBOROUGH COUNTY

275724082221001 - STRUCTURE S-160 WELL NR TAMPA, FL. (WQ-03) (LAT 27 57 24 LONG 082 22 10)

MAY / 1982											
12...	8.0	0	260	98	84	13	48	1.3	1.8	197	--
JUN											
09...	7.1	--	--	--	--	--	--	--	--	--	--

275725082221101 - USCE WELL TBC-17 AT TAMPA, FLA (LAT 27 57 25 LONG 082 22 11)

MAY / 1982											
12...	--	--	--	--	--	--	--	--	--	--	--

275856082210301 - USCE TEST WELL 2S-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03)

MAY / 1982											
12...	7.8	0	140	21	52	1.9	4.0	.1	.5	145	--

280012082204901 - USCE WELL TBC-05 NR TEMP TERR, FL. (WL-05) (LAT 28 00 12 LONG 082 20 49)

MAY / 1982											
10...	7.5	5	180	44	60	8.1	6.0	.2	.7	166	--

280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE, FL. (LAT 28 00 30 LONG 082 19 08)

MAY / 1982											
11...	7.9	0	150	27	54	4.2	5.0	.2	.5	150	--

280055082222701 - USCE WELL TBC-09 AT TEMP TERR, FL. (WL-09) (LAT 28 00 55 LONG 082 22 27)

MAY / 1982											
10...	7.6	0	210	53	71	7.8	11	.3	.7	191	--

280116082205301 - USCE TEST WELL 2W-ES NR TEMP TERR, FL. (WQ-05) (LAT 28 01 16 LONG 082 20 53)

MAY / 1982											
10...	7.7	5	200	51	68	7.1	5.0	.2	.6	182	--

280230082205601 - USCE WELL TBC-02 NR TEMP TERR, FL. (WL-02) (LAT 28 02 30 LONG 082 20 56)

MAY / 1982											
10...	7.2	0	110	23	43	1.2	3.0	.1	.5	106	--

280243082203701 - USCE WELL TBC-01 NR TEMP TERR, FL. (WL-01) (LAT 28 02 43 LONG 082 20 37)

MAY / 1982											
10...	7.5	0	100	0	39	1.0	3.0	.1	.4	126	--

280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02)

MAY / 1982											
11...	7.7	0	230	61	85	3.1	6.0	.2	.5	206	--

280642082195801 - MORRIS BRIDGE DP WELL 38 NR BRANCHTON (WQ-01) (LAT 28 06 42 LONG 082 19 58)

MAY / 1982											
11...	7.1	E80	290	26	110	3.7	7.0	.2	.1	322	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

385

DATE	ALKA- LINITY FIELD (MG/L AS CAC03) (00410)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	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)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
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HILLSBOROUGH COUNTY

275724092221001 - STRUCTURE S-160 WELL NR TAMPA, FL. (WQ-03) (LAT 27 57 24 LONG 082 22 10)

MAY / 1982										
12...	162	.3	436	440	--	--	330	--	--	1000
JUN										
09...	--	--	--	--	--	--	--	--	--	--

275725082221101 - USCE WELL T8C-17 AT TAMPA, FLA (LAT 27 57 25 LONG 082 22 11)

MAY / 1982										
12...	--	--	458	--	--	--	--	--	--	--

2758560922210301 - USCE TEST WELL 2S-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03)

MAY / 1982										
12...	119	.3	167	170	--	--	80	--	--	200

280012082204901 - USCE WELL T8C-05 NR TEMP TERR, FL. (WL-05) (LAT 28 00 12 LONG 082 20 49)

MAY / 1982										
10...	136	.3	233	230	--	--	1800	--	--	1100

280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE, FL. (LAT 28 00 30 LONG 082 19 08)

MAY / 1982										
11...	123	.2	188	183	--	--	40	--	--	650

280055082222701 - USCE WELL T8C-09 AT TEMP TERR, FL. (WL-09) (LAT 28 00 55 LONG 082 22 27)

MAY / 1982										
10...	157	.2	278	271	--	--	500	--	--	1200

280116082205301 - USCE TEST WELL 2W-ES NR TEMP TERR, FL. (WQ-05) (LAT 28 01 16 LONG 082 20 53)

MAY / 1982										
10...	149	.3	247	248	--	--	520	--	--	940

280230082205601 - USCE WELL T8C-02 NR TEMP TERR, FL. (WL-02) (LAT 28 02 30 LONG 082 20 56)

MAY / 1982										
10...	87	.3	145	128	--	--	560	--	--	120

280243082203701 - U.C. WELL T8C-01 NR TEMP TERR, FL. (WL-01) (LAT 28 02 43 LONG 082 20 37)

MAY / 1982										
10...	103	.3	124	129	--	--	490	--	--	230

280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02)

MAY / 1982										
11...	169	.2	273	268	--	--	350	--	--	300

280642082195801 - MORRIS BRIDGE DP WELL 3B NR BRANCHTON (WQ-01) (LAT 28 06 42 LONG 082 19 58)

MAY / 1982										
11...	264	.0	314	304	--	--	3500	--	--	170

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	PH (STANDARD UNITS) (00400)	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)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLO (MG/L AS HC03) (00440)	CAR- BONATE FET-FLO (MG/L AS C03) (00445)
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LEVY COUNTY

290118082364101 - 90123601 17S17E05 CE 70 USGS AT INGLIS LOCK (LAT 29 01 18 LONG 082 36 41)

APR / 1982

23... 6.6 -- -- -- -- -- -- -- -- -- --

SEP

09... 7.0 -- -- -- -- -- -- -- -- -- --

MARION COUNTY

290132082133001 - 90121301 17S21E08 USGS 08 WELL CE78 NR PEDRO FL (LAT 29 01 32 LONG 082 13 30)

APR / 1982

22... 8.0 -- -- -- -- -- -- -- -- -- --

SEP

08... 8.1 -- -- -- -- -- -- -- -- -- --

290312082190601 - 90321901 16S20E33 CE 22 U S GEOL SURVEY (LAT 29 03 12 LONG 082 19 06)

APR / 1982

22... 8.7 -- -- -- -- -- -- -- -- -- --

SEP

08... 8.4 -- -- -- -- -- -- -- -- -- --

290447082250901 - 90422501 16S19E20 CE 13 U S GEOL SURVEY (LAT 29 04 47 LONG 082 25 09)

APR / 1982

22... 8.1 -- -- -- -- -- -- -- -- -- --

SEP

08... 7.8 -- -- -- -- -- -- -- -- -- --

PINELLAS COUNTY

274242082384201 - 32S17E07 SHALLOW WELL 60 AT ST.PET.,FLA (LAT 27 42 42 LONG 082 38 42)

FEB / 1982

24... 5.9 -- -- -- -- -- -- -- -- -- --

274259082405502 - 32S16E10 SHALLOW WELL 59 AT ST.PET.,FLA (LAT 27 42 59 LONG 082 40 55)

FEB / 1982

23... 6.0 -- -- -- -- -- -- -- -- -- --

274607082404601 - 31S16E23 SHALLOW WELL 57 AT ST.PET.,FLA (LAT 27 46 07 LONG 082 40 46)

FEB / 1982

23... 5.2 -- -- -- -- -- -- -- -- -- --

274708082390701 - SUSAN AND CAPPY'S SH WELL AT ST.PETE.,FLA (LAT 27 47 08 LONG 082 39 07)

FEB / 1982

04... 5.1 -- -- -- -- -- -- -- -- -- --

274748082443505 - 31S16E07 SHALLOW WELL55 AT ST.PET.,FLA (LAT 27 47 48 LONG 082 44 35)

FEB / 1982

18... 6.1 -- -- -- -- -- -- -- -- -- --

274757082384901 - 31S17E07 SHALLOW WELL54 AT ST.PET.,FLA (LAT 27 47 57 LONG 082 38 49)

FEB / 1982

18... 5.8 -- -- -- -- -- -- -- -- -- --

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	PH (STANDARD UNITS) (00400)	COLOR (PLAT- INUM- COBALT 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 AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLD (MG/L AS HCO3) (00440)	CAR- BONATE FET-FLD (MG/L AS CO3) (00445)
PINELLAS COUNTY											
274916082404701 - 30S16E35 SHALLOW WELL 53NR ST.PET.,FLA (LAT 27 49 16 LONG 082 40 47)											
FEB / 1982 16...	4.4	--	--	--	--	--	--	--	--	--	--
274935082370206 - NORTH EAST INJ MON B10 (LAT 27 49 35 LONG 082 37 02)											
FEB / 1982 24...	6.6	--	--	--	--	--	--	--	--	--	--
275024082491301 - 30S15E29 SHALLOW WELL 48 NR SEMINOLE,FL (LAT 27 50 24 LONG 082 49 13)											
FEB / 1982 12...	6.3	--	--	--	--	--	--	--	--	--	--
275113082454401 - 30S15E24 SHALLOW WELL 47 NR SEMINOLE,FL (LAT 27 51 13 LONG 082 45 44)											
FEB / 1982 12...	6.6	--	--	--	--	--	--	--	--	--	--
275126082434401 - 30S16E20 SHALLOW WELL 46 NR PIN.PK.,FLA (LAT 27 51 26 LONG 082 43 44)											
JAN / 1982 27...	5.6	--	--	--	--	--	--	--	--	--	--
275153082385201 - 30S16E13 SHALLOW WELL 45 AT ST. PETE,FLA (LAT 27 51 53 LONG 082 38 52)											
FEB / 1982 10...	6.3	--	--	--	--	--	--	--	--	--	--
275203082495801 - 30S15E18 SHALLOW WELL 43 (LAT 27 52 03 LONG 082 49 58)											
FEB / 1982 11...	5.4	--	--	--	--	--	--	--	--	--	--
275203082495901 - R. HARRINGTON WELL NR LARGO, FLA 43A (LAT 27 52 03 LONG 082 49 59)											
FEB / 1982 11...	5.6	--	--	--	--	--	--	--	--	--	--
275217082404901 - PINELLAS CO. LF 30 (LAT 27 52 17 LONG 082 40 49)											
DEC / 1981 08...	7.1	--	310	--	120	2.6	--	--	--	--	--
JUL / 1982 08...	7.4	--	340	--	130	3.4	--	--	--	--	--
AUG 16...	7.2	--	310	--	120	3.0	--	--	--	--	--
275217082412501 - PINELLAS CO. LF 15 (LAT 27 52 17 LONG 082 41 25)											
FEB / 1982 09...	7.8	--	430	--	160	8.0	--	--	--	--	--
MAY 04...	5.9	--	460	--	170	8.2	--	--	--	--	--
AUG 17...	6.6	--	480	--	180	8.0	--	--	--	--	--
275222082401901 - PINCOLF 34A (LAT 27 52 21 LONG 082 40 19)											
MAY / 1982 13...	--	--	310	--	110	8.8	68	1.7	1.4	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

389

DATE	ALKA- LINITI FIELD (MG/L AS CAC03) (00410)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	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)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
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PINELLAS COUNTY

274916082404701 - 30S16E35 SHALLOW WELL 53NR ST.PET.,FLA (LAT 27 49 16 LONG 082 40 47)

FEB / 1982
16... -- -- -- -- -- -- -- -- -- --

274935082370206 - NORTH EAST INJ MON B10 (LAT 27 49 35 LONG 082 37 02)

FEB / 1982
24... -- -- -- -- -- -- -- -- -- --

275024082491301 - 30S15E29 SHALLOW WELL 48 NR SEMINOLE,FL (LAT 27 50 24 LONG 082 49 13)

FEB / 1982
12... -- -- -- -- -- -- -- -- -- --

275113082454401 - 30S15E24 SHALLOW WELL 47 NR SEMINOLE,FL (LAT 27 51 13 LONG 082 45 44)

FEB / 1982
12... -- -- -- -- -- -- -- -- -- --

275126082434401 - 30S16E20 SHALLOW WELL 46 NR PIN.PK.,FLA (LAT 27 51 26 LONG 082 43 44)

JAN / 1982
27... -- -- -- -- -- -- -- -- -- --

275153082385201 - 30S16E13 SHALLOW WELL 45 AT ST. PETE,FLA (LAT 27 51 53 LONG 082 38 52)

FEB / 1982
10... -- -- -- -- -- -- -- -- -- --

275203082495801 - 30S15E18 SHALLOW WELL 43 (LAT 27 52 03 LONG 082 49 58)

FEB / 1982
11... -- -- -- -- -- -- -- -- -- --

275203082495901 - R. HARRINGTON WELL NR LARGO, FLA 43A (LAT 27 52 03 LONG 082 49 59)

FEB / 1982
11... -- -- -- -- -- -- -- -- -- --

275217082404901 - PINELLAS CO. LF 30 (LAT 27 52 17 LONG 082 40 49)

DEC / 1981
08... -- -- -- -- -- -- -- -- -- --
JUL / 1982
08... -- -- -- -- -- -- -- -- -- --
AUG
16... -- -- -- -- -- -- -- -- -- --

275217082412501 - PINELLAS CO. LF 15 (LAT 27 52 17 LONG 082 41 25)

FEB / 1982
09... -- -- -- -- -- .070 -- -- -- -- --
MAY
04... -- -- -- -- -- -- -- -- -- --
AUG
17... -- -- -- -- -- -- -- -- -- --

275222082401901 - PINCOLF 34A (LAT 27 52 21 LONG 082 40 19)

MAY / 1982
13... -- -- -- -- -- .080 -- -- -- -- -- 780

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	PH (STANDARD UNITS) (00400)	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)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLO (MG/L AS HC03) (00440)	CAR- BONATE FET-FLO (MG/L AS C03) (00445)
PINELLAS COUNTY											
280037082410201 - T28SR16E34 SHALLOW WELL 23 NR SAFETY HARBOR, FLA (LAT 28 00 37 LONG 082 41 02)											
FEB / 1982 05...	6.2	--	--	--	--	--	--	--	--	--	--
280059082431801 - B. STEINKAMPF'S WELL AT CLEARWATER, FLA (LAT 28 00 59 LONG 082 43 18)											
FEB / 1982 04...	3.5	--	--	--	--	--	--	--	--	--	--
280059082464901 - CLE-DUN S. WELL 21 NR DUNEDIN, FL (LAT 28 00 59 LONG 082 46 49)											
FEB / 1982 04...	5.5	--	--	--	--	--	--	--	--	--	--
280107082460401 - CLE-DUN S. WELL 18 AT DUNEDIN, FL (LAT 28 01 07 LONG 082 46 04)											
JUL / 1982 08...	6.1	--	--	--	--	--	--	--	--	--	--
280254082441603 - CLE-DUN S. WELL 16 NR DUNEDIN, FL (LAT 28 02 54 LONG 082 44 16)											
FEB / 1982 02...	4.9	--	--	--	--	--	--	--	--	--	--
280405082455401 - USGS 224 (LAT 28 04 05 LONG 082 45 54)											
FEB / 1982 02...	7.0	--	--	--	--	--	--	--	--	--	--
JUL 08...	7.3	--	--	--	--	--	--	--	--	--	--
280457082420403 - BROOKER CREEK SHALLOW (LAT 28 04 57 LONG 082 42 04)											
JAN / 1982 28...	4.1	--	--	--	--	--	--	--	--	--	--
280601082455301 - PINCO NWSTP 1020 BPND (LAT 28 06 01 LONG 082 45 53)											
FEB / 1982 03...	7.1	--	230	--	62	18	140	4.0	5.0	--	--
APR 26...	7.2	--	280	--	64	29	230	6.0	8.0	--	--
SEP 01...	8.0	--	150	--	48	6.2	38	1.4	1.4	--	--
280601082460301 - 810 BPND (LAT 28 06 01 LONG 082 46 03)											
FEB / 1982 03...	7.0	--	260	--	72	20	240	6.5	6.0	--	--
APR 26...	7.2	--	--	--	--	64	260	--	6.0	--	--
SEP 01...	7.4	--	370	--	96	31	380	8.6	10	--	--
280614082462301 - PINCO NWSTP 604 HILS (LAT 28 06 14 LONG 082 46 23)											
FEB / 1982 03...	7.0	--	210	--	77	3.4	33	1.0	4.1	--	--
APR 26...	6.7	--	190	--	70	3.2	34	1.1	4.0	--	--
SEP 01...	7.3	--	180	--	68	2.8	26	.8	3.6	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

393

DATE	ALKA- LINITI FIELD (MG/L AS CAC03) (00410)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED PER (70303) (AC-FT)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
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PINELLAS COUNTY

280037082410201 - T28SR16E34 SHALLOW WELL 23 NR SAFETY HARBOR, FLA (LAT 28 00 37 LONG 082 41 02)

FEB / 1982 05...	--	--	--	--	--	--	--	--	--	--
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280059082431801 - B. STEINKAMPF'S WELL AT CLEARWATER, FLA (LAT 28 00 59 LONG 082 43 18)

FEB / 1982 04...	--	--	--	--	--	--	--	--	--	--
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280059082464901 - CLE-DUN S. WELL 21 NR DUNEDIN, FL (LAT 28 00 59 LONG 082 46 49)

FEB / 1982 04...	--	--	--	--	--	--	--	--	--	--
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280107082460401 - CLE-DUN S. WELL 18 AT DUNEDIN, FL (LAT 28 01 07 LONG 082 46 04)

JUL / 1982 08...	--	--	--	--	--	--	31000	--	--	--
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280254082441603 - CLE-DUN S. WELL 16 NR DUNEDIN, FL (LAT 28 02 54 LONG 082 44 16)

FEB / 1982 02...	--	--	--	--	--	--	--	--	--	--
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280405082455401 - USGS 224 (LAT 28 04 05 LONG 082 45 54)

FEB / 1982 02...	--	--	--	--	--	--	--	--	--	--
JUL 08...	--	--	--	--	--	--	1000	--	--	--

280457082420403 - BROOKER CREEK SHALLOW (LAT 28 04 57 LONG 082 42 04)

JAN / 1982 28...	--	--	--	--	--	--	--	--	--	--
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280601082455301 - PINCO NWSTP 1020 BPND (LAT 28 06 01 LONG 082 45 53)

FEB / 1982 03...	--	--	--	--	--	.010	--	--	--	--
APR 26...	--	--	--	--	--	.020	--	--	--	--
SEP 01...	--	--	--	--	--	.020	--	--	--	--

280601082460301 - 810 BPND (LAT 28 06 01 LONG 082 46 03)

FEB / 1982 03...	--	--	--	--	--	.000	--	--	--	--
APR 26...	--	--	--	--	--	.000	--	--	--	21
SEP 01...	--	--	--	--	--	.000	--	--	--	--

280614082462301 - PINCO NWSTP 604 HILS (LAT 28 06 14 LONG 082 46 23)

FEB / 1982 03...	--	--	--	--	--	.780	--	--	--	--
APR 26...	--	--	--	--	--	.740	--	--	--	--
SEP 01...	--	--	--	--	--	.670	--	--	--	--

GROUND WATER QUALITY RECORDS
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DATE	PH (STAND- ARD UNITS) (00400)	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)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLD (MG/L AS HC03) (00440)	CAR- BONATE FET-FLD (MG/L AS C03) (00445)
PINELLAS COUNTY											
280634082453405 - 27S15E25 INNISBROOK 144 (LAT 28 06 34 LONG 082 45 34)											
FEB / 1982											
03...	6.2	--	56	--	14	5.0	130	7.6	5.0	--	--
APR											
28...	6.1	--	120	--	32	9.6	180	7.2	80	--	--
SEP											
03...	6.3	--	68	--	17	6.1	84	4.4	6.3	--	--
280637082461201 - PINCO NWSTP 3915 DESOTO (LAT 28 06 37 LONG 082 46 12)											
FEB / 1982											
03...	--	--	180	--	62	7.1	35	1.1	3.2	--	--
APR											
26...	6.7	--	180	--	60	7.3	31	1.0	2.8	--	--
SEP											
01...	7.2	--	190	--	64	7.1	33	1.0	3.2	--	--
280647082461401 - PINCO NWST 811 HARRY (LAT 28 06 47 LONG 082 46 14)											
FEB / 1982											
03...	--	--	180	--	62	5.3	20	.7	1.1	--	--
APR											
26...	6.8	--	170	--	57	6.0	23	.8	12	--	--
SEP											
01...	7.6	--	180	--	63	5.2	16	.5	.9	--	--
280717082454201 - PINELLAS 3 (LAT 28 07 17 LONG 082 45 42)											
FEB / 1982											
01...	5.8	--	--	--	--	--	--	--	--	--	--
280827082401501 - HORST RD S. WELL NR TARPON SPRINGS, FLA (LAT 28 08 27 LONG 082 40 15)											
JAN / 1982											
28...	4.5	--	--	--	--	--	--	--	--	--	--
POLK COUNTY											
275408081595702 - KAISER ANNULUS MONITOR A DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57)											
DEC / 1981											
03...	7.8	--	4100	4000	1100	320	--	--	--	170	--
MAR / 1982											
30...	8.1	--	2800	2700	800	190	--	--	--	158	--
JUN											
30...	8.2	--	2700	2600	800	180	--	--	--	162	--
275408081595703 - KAISER ANNULUS MONITOR B DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57)											
DEC / 1981											
03...	7.7	--	1900	1800	500	150	--	--	--	180	--
MAR / 1982											
30...	7.8	--	2000	1900	550	160	--	--	--	177	--
JUN											
30...	7.7	--	2000	--	520	160	--	--	--	--	--
275430082000401 - KAISER SATELLITE MON NO. 1 NR MULBERRY (LAT 27 54 30 LONG 082 00 04)											
DEC / 1981											
03...	5.9	--	2800C	27000	6400	2900	--	--	--	1230	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	PH (STAND- ARD UNITS) (00400)	COLOR (PLAT- INUM- COBALT 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 AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLO (MG/L AS HCO3) (00440)	CAR- BONATE FET-FLO (MG/L AS CO3) (00445)
SARASOTA COUNTY											
265622082121601 - SMITH WELL NR EL JOBEAN , FL (LAT 26 56 22 LONG 082 12 16)											
FEB / 1982 11...	--	0	--	--	240	180	1100	--	31	--	--
270018082210902 - CH2M HILL CORWER POWER LINE DEEP (LAT 27 00 18 LONG 082 21 09)											
FEB / 1982 18...	--	5	460	--	110	44	200	4.1	8.0	--	--
270240082235701 - ROMP TR4-2 WELL NR VENICE FL (LAT 27 02 40 LONG 082 23 57)											
MAY / 1982 19...	--	0	1000	--	210	110	120	1.7	7.5	--	--
270737082271501 - PALM PINES TRAILER PARK (LAT 27 07 37 LONG 082 27 15)											
MAR / 1982 05...	--	0	1400	--	330	140	40	.5	5.0	--	--
MAR / 1982 05...	--	5	1100	--	250	110	34	.5	4.0	--	--
270744082194901 - MAC ARTHUR WELL 3-32 NR SARASOTA, FL (LAT 27 07 44 LONG 082 19 49)											
JUL / 1982 07...	--	70	150	--	39	13	12	.4	.0	--	--
270748082184401 - MAC ARTHUR WELL 7-33 NR SARASOTA, FL (LAT 27 07 48 LONG 082 18 44)											
JUL / 1982 07...	--	360	180	--	65	5.2	24	.8	.1	--	--
270751082203801 - MAC ARTHUR WELL 3-31 NR SARASOTA, FL (LAT 27 07 51 LONG 082 20 38)											
JUL / 1982 07...	--	190	--	--	--	--	--	--	--	--	--
270752082154401 - MAC ARTHUR WELL 11-36 NR SARASOTA, FL (LAT 27 07 52 LONG 082 15 44)											
JUL / 1982 08...	--	70	250	--	92	3.6	12	.3	.2	--	--
270757082270101 - DIEGEL CITRUS AVE (LAT 27 07 57 LONG 082 27 01)											
FEB / 1982 18...	--	5	1600	--	370	150	69	.8	5.0	--	--
270807082164701 - MAC ARTHUR WELL 11-35 NR SARASOTA, FL (LAT 27 08 07 LONG 082 16 47)											
JUL / 1982 08...	--	15	260	--	97	3.8	23	.6	.1	--	--
270807082173301 - MAC ARTHUR WELL 7-27 NR SARASOTA, FL (LAT 27 08 07 LONG 082 17 33)											
JUL / 1982 08...	--	90	250	--	88	6.9	30	.8	.0	--	--

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DATE	ALKA- LINEITY FIELD (MG/L AS CAC03) (00410)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
SARASOTA COUNTY										
265622082121601 - SMITH WELL NR EL JOBEAN , FL (LAT 26 56 22 LONG 082 12 16)										
FEB , 1982 11...	--	1.0	4760	4460	--	--	--	--	--	39000
270018082210902 - CH2M HILL CORNER POWER LINE DEEP (LAT 27 00 18 LONG 082 21 09)										
FEB , 1982 18...	--	.7	1140	1020	--	--	--	--	--	6800
270240082235701 - ROMP TR4-2 WELL NR VENICE FL (LAT 27 02 40 LONG 082 23 57)										
MAY , 1982 19...	--	1.9	1680	1500	--	--	--	--	--	22000
270737082271501 - PALM PINES TRAILER PARK (LAT 27 07 37 LONG 082 27 15)										
MAR , 1982 05...	--	.7	2150	1900	--	--	--	--	--	13000
05...	--	.8	1620	1450	--	--	--	--	--	9300
270744082194901 - MAC ARTHUR WELL 3-32 NR SARASOTA, FL (LAT 27 07 44 LONG 082 19 49)										
JUL , 1982 07...	--	.4	209	180	--	--	--	--	--	120
270749082184401 - MAC ARTHUR WELL 7-33 NR SARASOTA, FL (LAT 27 07 48 LONG 082 18 44)										
JUL , 1982 07...	--	.2	328	250	--	--	--	--	--	380
270751082203801 - MAC ARTHUR WELL 3-31 NR SARASOTA, FL (LAT 27 07 51 LONG 082 20 38)										
JUL , 1982 07...	--	.5	432	--	--	--	--	4500	--	260
270752082154401 - MAC ARTHUR WELL 11-36 NR SARASOTA, FL (LAT 27 07 52 LONG 082 15 44)										
JUL , 1982 08...	--	.3	324	290	--	--	--	2800	--	240
270757082270101 - DIEGEL CITRUS AVE (LAT 27 07 57 LONG 082 27 01)										
FEB , 1982 13...	--	2.3	2420	2250	--	--	--	--	--	14000
270807082164701 - MAC ARTHUR WELL 11-35 NR SARASOTA, FL (LAT 27 08 07 LONG 082 16 47)										
JUL , 1982 08...	--	.3	344	330	--	--	--	100	--	440
270807082173301 - MAC ARTHUR WELL 7-27 NR SARASOTA, FL (LAT 27 08 07 LONG 082 17 33)										
JUL , 1982 08...	--	.5	395	330	--	--	--	6100	--	450

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	PH (STAND- ARD UNITS) (00400)	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)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLO (MG/L AS HC03) (00440)	CAR- BONATE FET-FLO (MG/L AS C03) (00445)
SARASOTA COUNTY											
270832082183801 - MAC ARTHUR WELL 7-28 NR SARASOTA, FL (LAT 27 08 32 LONG 082 18 38)											
JUL / 1982 07...	--	240	280	--	100	7.0	18	.5	.0	--	--
270838082194301 - MAC ARTHUR WELL 3-29 NR SARASOTA, FL (LAT 27 08 38 LONG 082 19 43)											
JUL / 1982 07...	--	5	25	--	6.3	2.2	8.5	.7	.0	--	--
270839082152901 - MAC ARTHUR WELL 11-25 NR SARASOTA, FL (LAT 27 08 39 LONG 082 15 29)											
JUL / 1982 08...	--	110	240	--	82	9.4	18	.5	.4	--	--
270839082203701 - MAC ARTHUR WELL 3-30 NR SARASOTA, FL (LAT 27 08 39 LONG 082 20 37)											
JUL / 1982 07...	--	240	520	--	160	30	38	.7	.6	--	--
270842082163901 - MAC ARTHUR WELL 11-26 NR SARASOTA, FL (LAT 27 08 42 LONG 082 16 39)											
JUL / 1982 08... 19...	-- --	70 70	240 420	-- --	87 140	4.7 16	11 39	.3 .8	.1 .6	-- --	-- --
270926082144201 - MAC ARTHUR WELL 14-19 NR SARASOTA, FL (LAT 27 09 26 LONG 082 14 42)											
JUL / 1982 19...	--	160	160	--	54	6.3	23	.8	.0	--	--
270932082124601 - MACARTHUR WELL 17-21 NEAR SARASOTA FL (LAT 27 09 32 LONG 082 12 46)											
AUG / 1982 26...	--	30	300	--	92	16	37	.9	1.2	--	--
270932082195201 - MAC ARTHUR WELL 2-20 NR SARASOTA, FL (LAT 27 09 32 LONG 082 19 52)											
JUL / 1982 06...	--	700	140	--	47	4.1	31	1.2	.1	--	--
270933082203601 - MAC ARTHUR WELL 2-19 NR SARASOTA, FL (LAT 27 09 33 LONG 082 20 36)											
JUL / 1982 06...	--	300	130	--	50	2.2	14	.5	.2	--	--
270934082154101 - MAC ARTHUR WELL 10-24 NR SARASOTA, FL (LAT 27 09 34 LONG 082 15 41)											
JUL / 1982 19...	--	320	240	--	82	8.1	--	--	.1	--	--
270934082174401 - MAC ARTHUR WELL 6-22 NR SARASOTA, FL (LAT 27 09 34 LONG 082 17 44)											
JUN / 1982 30...	--	120	27	--	7.5	1.9	6.8	.6	.2	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

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DATE	ALKA- LINITY FIELD (MG/L AS CAC03) (00410)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (C1045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
SARASOTA COUNTY										
270832082183801 - MAC ARTHUR WELL 7-28 NR SARASOTA, FL (LAT 27 08 32 LONG 082 18 38)										
JUL , 1982 07...	--	.2	420	340	--	--	--	4900	--	540
270838082194301 - MAC ARTHUR WELL 3-29 NR SARASOTA, FL (LAT 27 08 38 LONG 082 19 43)										
JUL , 1982 07...	--	.0	82	53	--	--	--	--	--	50
270839082152901 - MAC ARTHUR WELL 11-25 NR SARASOTA, FL (LAT 27 08 39 LONG 082 15 29)										
JUL , 1982 08...	--	.4	333	300	--	--	--	2000	--	250
270839082203701 - MAC ARTHUR WELL 3-30 NR SARASOTA, FL (LAT 27 08 39 LONG 082 20 37)										
JUL , 1982 07...	--	.4	765	640	--	--	--	5400	--	1000
270842082163901 - MAC ARTHUR WELL 11-26 NR SARASOTA, FL (LAT 27 08 42 LONG 082 16 39)										
JUL , 1982 08... 19...	-- --	.2 .5	302 640	270 550	-- --	-- --	-- --	2100 4300	-- --	460 570
270926082144201 - MAC ARTHUR WELL 14-19 NR SARASOTA, FL (LAT 27 09 26 LONG 082 14 42)										
JUL , 1982 19...	--	.8	270	240	--	--	--	2900	--	200
270932082124601 - MACARTHUR WELL 17-21 NEAR SARASOTA FL (LAT 27 09 32 LONG 082 12 46)										
AUG , 1982 26...	--	.5	438	430	--	--	--	--	--	400
270932082195201 - MAC ARTHUR WELL 2-20 NR SARASOTA, FL (LAT 27 09 32 LONG 082 19 52)										
JUL , 1982 06...	--	.2	363	230	--	--	--	18000	--	300
270933082203601 - MAC ARTHUR WELL 2-19 NR SARASOTA, FL (LAT 27 09 33 LONG 082 20 36)										
JUL , 1982 06...	--	.3	221	170	--	--	--	6900	--	250
270934082154101 - MAC ARTHUR WELL 10-24 NR SARASOTA, FL (LAT 27 09 34 LONG 082 15 41)										
JUL , 1982 19...	--	.4	476	--	--	--	--	12000	--	360
270934082174401 - MAC ARTHUR WELL 6-22 NR SARASOTA, FL (LAT 27 09 34 LONG 082 17 44)										
JUN , 1982 30...	--	.4	97	53	--	--	--	17	--	90

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DATE	PH (STAND- ARD UNITS) (00400)	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)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLD (MG/L AS HC03) (00440)	CAR- BONATE FET-FLD (MG/L AS CO3) (00445)
SARASOTA COUNTY											
270936082183801 - MAC ARTHUR WELL 6-21 NR SARASOTA, FL (LAT 27 09 36 LONG 082 18 38)											
JUN / 1982 30...	--	22	850	--	300	25	550	8.2	.2	--	--
270959082203003 - ROMP 19 WS WELL NEAR SARASOTA, FL (LAT 27 09 59 LONG 082 20 30)											
FEB / 1982 18...	--	200	280	--	92	11	40	1.0	1.6	--	--
271019082124701 - MACARTHUR WELL 17-16 NEAR SARASOTA FL (LAT 27 10 19 LONG 082 12 47)											
AUG / 1982 26...	--	120	180	--	57	9.0	11	.4	.5	--	--
271021082151603 - ROMP 19 ES WELL NEAR SARASOTA, FL (LAT 27 10 21 LONG 082 15 16)											
FEB / 1982 18...	--	140	380	--	110	26	53	1.2	.6	--	--
MAR 17...	7.2	--	--	--	--	--	--	--	--	--	--
JUN 14...	6.8	25	380	--	110	26	52	1.2	.8	--	--
SEP 29...	7.2	20	380	--	110	26	53	1.2	.5	--	--
271021082163901 - MAC ARTHUR WELL 10-14 NR SARASOTA, FL (LAT 27 10 21 LONG 082 16 39)											
JUL / 1982 19...	--	200	240	--	56	24	12	.3	.5	--	--
271023082193701 - MAC ARTHUR WELL 2-17 NR SARASOTA, FL (LAT 27 10 23 LONG 082 19 37)											
JUL / 1982 06...	--	65	190	--	73	2.1	13	.4	1.0	--	--
271024082154101 - MAC ARTHUR WELL 10-13 NR SARASOTA, FL (LAT 27 10 24 LONG 082 15 41)											
JUL / 1982 19...	--	640	37	--	10	2.9	16	1.1	.1	--	--
271025082144401 - MAC ARTHUR WELL 14-18 NR SARASOTA, FL (LAT 27 10 25 LONG 082 14 44)											
JUL / 1982 19...	--	800	94	--	24	8.2	39	1.8	.0	--	--
271026082204001 - MAC ARTHUR WELL 2-18 NR SARASOTA, FL (LAT 27 10 26 LONG 082 20 40)											
JUL / 1982 06...	--	180	98	--	35	2.6	28	1.4	.2	--	--
271028082174101 - MAC ARTHUR WELL 6-15 NR SARASOTA, FL (LAT 27 10 28 LONG 082 17 41)											
JUN / 1982 30...	--	100	210	--	62	13	41	1.2	.3	--	--

GROUND WATER QUALITY RECORDS
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DATE	ALKA- LINITY FIELD (MG/L AS CAC03) (00410)	FLUO- RIDE- DIS- SOLVED (MG/L AS F) (00950)	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)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
SARASOTA COUNTY										
270936082183801 - MAC ARTHUR WELL 6-21 NR SARASOTA, FL (LAT 27 09 36 LONG 082 18 38)										
JUN / 1982 30...	--	.6	2740	2200	--	--	--	26000	--	1400
270959082203003 - RCMP 19 WS WELL NEAR SARASOTA, FL (LAT 27 09 59 LONG 082 20 30)										
FEB / 1982 18...	--	.4	439	427	--	--	--	--	--	720
271019082124701 - MACARTHUR WELL 17-16 NEAR SARASOTA FL (LAT 27 10 19 LONG 082 12 47)										
AUG / 1982 26...	--	.5	334	240	--	--	--	--	--	490
271021082151603 - ROMP 19 ES WELL NEAR SARASOTA, FL (LAT 27 10 21 LONG 082 15 16)										
FEB / 1982 18...	--	4.0	611	--	--	--	--	--	--	520
MAR 17...	--	--	--	--	--	--	--	--	--	--
JUN 14...	--	.4	611	560	--	.380	2500	2500	--	520
SEP 29...	--	.3	595	560	--	.090	2300	19	--	420
271021082163901 - MAC ARTHUR WELL 10-14 NR SARASOTA, FL (LAT 27 10 21 LONG 082 16 39)										
JUL / 1982 19...	--	.3	398	340	--	--	--	890	--	590
271023082193701 - MAC ARTHUR WELL 2-17 NR SARASOTA, FL (LAT 27 10 23 LONG 082 19 37)										
JUL / 1982 06...	--	.2	274	234	--	--	--	1300	--	370
271024082154101 - MAC ARTHUR WELL 10-13 NR SARASOTA, FL (LAT 27 10 24 LONG 082 15 41)										
JUL / 1982 19...	--	.2	--	83	--	--	--	11000	--	80
271025082144401 - MAC ARTHUR WELL 14-18 NR SARASOTA, FL (LAT 27 10 25 LONG 082 14 44)										
JUL / 1982 19...	--	.4	378	214	--	--	--	20000	--	120
271026082204001 - MAC ARTHUR WELL 2-18 NR SARASOTA, FL (LAT 27 10 26 LONG 082 20 40)										
JUL / 1982 06...	--	.4	269	180	--	--	--	1600	--	220
271028082174101 - MAC ARTHUR WELL 6-15 NR SARASOTA, FL (LAT 27 10 28 LONG 082 17 41)										
JUN / 1982 30...	--	.2	439	360	--	--	--	4100	--	310

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OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	PH (STAND- ARD UNITS) (00400)	COLOR (PLAT- INUM- COBALT AS 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 AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLD (MG/L AS HCO3) (00440)	CAR- BONATE FET-FLD (MG/L AS CO3) (00445)
SARASOTA COUNTY											
271035082185001 - MAC ARTHUR WELL 6-16 NR SARASOTA, FL (LAT 27 10 35 LONG 082 18 50)											
JUL / 1982 06...	--	90	110	--	39	1.9	10	.4	.0	--	--
271116082144401 - MAC ARTHUR WELL 13-7 NR SARASOTA, FL (LAT 27 11 16 LONG 082 14 44)											
JUL / 1982 12...	--	70	130	--	36	9.0	40	1.5	.4	--	--
271117082134701 - MAC ARTHUR WELL 13-8 NR SARASOTA, FL (LAT 27 11 17 LONG 082 13 47)											
JUL / 1982 12...	--	320	46	--	12	3.9	17	1.1	.2	--	--
271121082173501 - MAC ARTHUR WELL 5-10 NR SARASOTA, FL (LAT 27 11 21 LONG 082 17 35)											
JUN / 1982 29...	--	240	120	--	31	9.1	16	.6	.0	--	--
271127082155701 - MAC ARTHUR WELL 9.-12 NR SARASOTA, FL (LAT 27 11 27 LONG 082 15 57)											
JUN / 1982 30...	--	25	190	--	66	7.1	11	.3	.3	--	--
271134082092201 - BIG SLOUGH DEEP WELL NEAR ARCADIA, FL. (LAT 27 11 34 LONG 082 09 22)											
FEB / 1982 18...	--	70	280	--	70	24	96	2.5	1.6	--	--
271152082123701 - MAC ARTHUR WELL 16-4 NR SARASOTA, FL (LAT 27 11 52 LONG 082 12 37)											
JUL / 1982 12...	--	10	370	--	110	24	86	1.9	.8	--	--
271205082144501 - MAC ARTHUR WELL 13-6 NR SARASOTA, FL (LAT 27 12 05 LONG 082 14 45)											
JUL / 1982 12...	--	50	230	--	64	18	46	1.3	.2	--	--
271207082154301 - MAC ARTHUR WELL 9-1 NR SARASOTA, FL (LAT 27 12 07 LONG 082 15 43)											
JUN / 1982 30...	--	10	290	--	84	20	32	.8	.6	--	--
271208082164201 - MAC ARTHUR WELL 9-2 NR SARASOTA, FL (LAT 27 12 08 LONG 082 16 42)											
JUN / 1982 29...	--	70	67	--	23	2.3	8.7	.5	.1	--	--
271208082284901 - PALMER CORP WELL NR OSPREY, FL (LAT 27 12 08 LONG 082 28 49)											
FEB / 1982 03...	--	5	1400	--	320	150	29	.3	6.5	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

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DATE	ALKA- LINEITY FIELD (MG/L AS CAC03) (00410)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	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)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
SARASOTA COUNTY										
271035082185001 - MAC ARTHUR WELL 6-16 NR SARASOTA, FL (LAT 27 10 35 LONG 082 18 50)										
JUL , 1982 06...	--	.4	186	140	--	--	--	1900	--	210
271116082144401 - MAC ARTHUR WELL 13-7 NR SARASOTA, FL (LAT 27 11 16 LONG 082 14 44)										
JUL , 1982 12...	--	1.3	296	220	--	--	--	5500	--	40
271117082134701 - MAC ARTHUR WELL 13-8 NR SARASOTA, FL (LAT 27 11 17 LONG 082 13 47)										
JUL , 1982 12...	--	1.0	132	95	--	--	--	680	--	30
271121082173501 - MAC ARTHUR WELL 5-10 NR SARASOTA, FL (LAT 27 11 21 LONG 082 17 35)										
JUN , 1982 29...	--	.4	261	170	--	--	--	8800	--	110
271127082155701 - MAC ARTHUR WELL 9.-12 NR SARASOTA, FL (LAT 27 11 27 LONG 082 15 57)										
JUN , 1982 30...	--	.6	247	230	--	--	--	15000	--	280
271134082092201 - BIG SLOUGH DEEP WELL NEAR ARCADIA, FL. (LAT 27 11 34 LONG 082 09 22)										
FEB , 1982 18...	--	1.2	582	560	--	--	--	--	--	1300
271152082123701 - MAC ARTHUR WELL 16-4 NR SARASOTA, FL (LAT 27 11 52 LONG 082 12 37)										
JUL , 1982 12...	--	.7	676	640	--	--	--	550	--	560
271205082144501 - MAC ARTHUR WELL 13-6 NR SARASOTA, FL (LAT 27 12 05 LONG 082 14 45)										
JUL , 1982 12...	--	.9	422	360	--	--	--	5200	--	220
271207032154301 - MAC ARTHUR WELL 9-1 NR SARASOTA, FL (LAT 27 12 07 LONG 082 15 43)										
JUN , 1982 30...	--	.5	406	389	--	--	--	--	--	280
271208082164201 - MAC ARTHUR WELL 9-2 NR SARASOTA, FL (LAT 27 12 08 LONG 082 16 42)										
JUN , 1982 29...	--	1.4	141	99	--	--	--	3700	--	190
271208082284901 - PALMER CORP WELL NR OSPREY, FL (LAT 27 12 08 LONG 082 28 49)										
FEB , 1982 03...	--	3.0	2160	1890	--	--	--	--	--	16000

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	PH (STAND- ARD UNITS) (000400)	COLOR (PLAT- INUM- COBALT 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 AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLO (MG/L AS HCO3) (00440)	CAR- BONATE FET-FLO (MG/L AS CO3) (00445)
SARASOTA COUNTY											
271212082173501 - MAC ARTHUR WELL 5-3 NR SARASOTA, FL (LAT 27 12 12 LONG 082 17 35)											
JUN / 1982 29...	--	140	250	--	80	11	11	.3	.7	--	--
271222082295201 - SARASOTA COUNTY HISTORICAL SOCIETY WELL (LAT 27 12 22 LONG 082 29 52)											
FEB / 1982 08...	--	5	1300	--	260	160	40	.5	6.8	--	--
271225082295301 - OAKS PROPERTY NR OSPREY, FL (LAT 27 12 25 LONG 082 29 53)											
FEB / 1982 08...	--	5	1700	--	450	140	29	.3	5.0	--	--
271226082294601 - OAKS PROP NR OSPREY, FL (LAT 27 12 26 LONG 082 29 46)											
FEB / 1982 26...	--	0	1600	--	390	140	35	.4	4.4	--	--
271301082163801 - MAC ARTHUR WELL 8-35 NR SARASOTA, FL (LAT 27 13 01 LONG 082 16 38)											
JUN / 1982 30...	--	200	56	--	16	3.8	17	1.0	.5	--	--
271303082173401 - MAC ARTHUR WELL 4-34 NR SARASOTA, FL (LAT 27 13 03 LONG 082 17 34)											
JUN / 1982 29...	--	15	300	--	85	22	26	.7	2.0	--	--
271428082305301 - DIEGEL LITTLE PT CIR (LAT 27 14 28 LONG 082 30 53)											
FEB / 1982 16...	--	5	9	--	2.0	1.0	61	8.8	.5	--	--
271550082320501 - GUEST MEADOWOOD (LAT 27 15 50 LONG 082 32 05)											
MAR / 1982 04...	--	0	98	--	27	7.0	6.4	.3	4.0	--	--
271552082262301 - KANSAS CITY ROYALS BASEBALL (LAT 27 15 52 LONG 082 26 23)											
MAR / 1982 04...	--	25	400	--	94	40	43	.9	2.0	--	--
271557082271002 - ORANGE ACRES MHP DEEP WELL (LAT 27 15 57 LONG 082 27 10)											
FEB / 1982 16...	--	10	490	--	120	46	42	.8	3.0	--	--
271601082330501 - ROMP TR 6-1 HAWTHORN WELL NEAR SARASOTA FL (LAT 27 16 01 LONG 082 33 05)											
FEB / 1982 16...	--	5	1200	--	220	150	110	1.4	11	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	PH (STAND- ARD UNITS) (00400)	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)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE (MG/L AS HC03) (00440)	CAR- BONATE FET-FLD (MG/L AS CO3) (00445)
SARASOTA COUNTY											
271616082271601 - WINDWARD ISLES MHP (LAT 27 16 16 LONG 082 27 16)											
FEB / 1982 04...	--	0	380	--	84	40	35	.8	1.8	--	--
271633082311901 - HAWKINS SEEDS D.WELL NR SARASOTA, FL (LAT 27 16 33 LONG 082 31 19)											
FEB / 1982 16...	--	5	1200	1100	250	130	170	2.2	7.2	156	0
271733082285701 - WEST FLA CHRISTIAN SCHOOL GYM (LAT 27 17 33 LONG 082 28 57)											
JUL / 1982 22...	--	20	490	--	110	50	30	.6	2.4	--	--
271821082155101 - 36S20E36 (LAT 27 18 21 LONG 082 15 51)											
FEB / 1982 17...	--	30	120	--	30	12	3.4	.1	.2	--	--
271901082275601 - PETERS TURTLE CREEK D.WELL NR SARASOTA, FL (LAT 27 19 01 LONG 082 27 56)											
FEB / 1982 17...	--	5	370	--	86	38	72	1.6	8.6	--	--
272038082292401 - BOBBY JONES WELL 3 NR SARASOTA, FL (LAT 27 20 38 LONG 082 29 24)											
SEP / 1982 09...	--	0	510	--	110	50	28	.6	4.5	--	--
272039082291801 - BOBBY JONES WELL 3 NR SARASOTA, FL (LAT 27 20 39 LONG 082 29 18)											
SEP / 1982 09...	--	0	460	--	100	46	32	.7	5.0	--	--
272040082325501 - CITY OF SARASOTA NEW HOG AT SARASOTA, FL (LAT 27 20 40 LONG 082 32 55)											
SEP / 1982 09...	--	0	1200	--	280	120	100	1.3	5.6	--	--
272040082325801 - CITY OF SARASOTA BIG HOG AT SARASOTA, FL (LAT 27 20 40 LONG 082 32 58)											
SEP / 1982 09...	--	0	850	--	190	85	84	1.3	4.8	--	--
272047082291501 - BOBBY JONES WELL 6 NR SARASOTA, FL (LAT 27 20 47 LONG 082 29 15)											
SEP / 1982 09...	--	0	630	--	140	60	38	.7	4.7	--	--
272053082291001 - BOBBY JONES WELL 5 NR SARASOTA, FL (LAT 27 20 53 LONG 082 29 10)											
SEP / 1982 09...	--	0	770	--	170	76	30	.5	4.5	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

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DATE	ALKA- LITY FIELD (MG/L AS CAC03) (00410)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
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SARASOTA COUNTY

271616082271601 - WINDWARD ISLES MHP (LAT 27 16 16 LONG 082 27 16)

FEB / 1982 04...	--	2.3	589	439	--	--	--	--	--	1300
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271633082311901 - HAWKINS SEEDS D.WELL NR SARASOTA, FL (LAT 27 16 33 LONG 082 31 19)

FEB / 1982 16...	--	1.7	2060	1940	--	--	--	--	--	16000
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271733082285701 - WEST FLA CHRISTIAN SCHOOL GYM (LAT 27 17 33 LONG 082 28 57)

JUL / 1982 22...	--	1.0	780	670	--	--	--	40	--	4800
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271821082155101 - 36S20E36 (LAT 27 18 21 LONG 082 15 51)

FEB / 1982 17...	--	1.0	149	140	--	--	--	--	--	120
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271901082275601 - PETERS TURTLE CREEK D.WELL NR SARASOTA, FL (LAT 27 19 01 LONG 082 27 56)

FEB / 1982 17...	--	1.4	685	600	--	--	--	--	--	1200
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272038082292401 - BOBBY JONES WELL 3 NR SARASOTA, FL (LAT 27 20 38 LONG 082 29 24)

SEP / 1982 09...	--	1.7	832	730	--	--	--	--	--	28000
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272039082291801 - BOBBY JONES WELL 3 NR SARASOTA, FL (LAT 27 20 39 LONG 082 29 18)

SEP / 1982 09...	--	2.0	764	670	--	--	--	--	--	20000
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272040082325501 - CITY OF SARASOTA NEW HOG AT SARASOTA, FL (LAT 27 20 40 LONG 082 32 55)

SEP / 1982 09...	--	1.4	1900	1700	--	--	--	--	--	20000
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272040082325901 - CITY OF SARASOTA BIG HOG AT SARASOTA, FL (LAT 27 20 40 LONG 082 32 58)

SEP / 1982 09...	--	1.2	1400	--	--	--	--	--	--	19000
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272047082291501 - BOBBY JONES WELL 6 NR SARASOTA, FL (LAT 27 20 47 LONG 082 29 15)

SEP / 1982 09...	--	1.6	984	880	--	--	--	--	--	29000
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272053082291001 - BOBBY JONES WELL 5 NR SARASOTA, FL (LAT 27 20 53 LONG 082 29 10)

SEP / 1982 09...	--	1.4	1160	1000	--	--	--	--	--	32000
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GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	PH (STAND- ARD UNITS) (00400)	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)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLD (MG/L AS HC03) (00440)	CAR- BONATE FET-FLD (MG/L AS C03) (00445)
SARASOTA COUNTY											
272113082330201 - CITY OF SARASOTA ALAMEDA AVENUE (LAT 27 21 13 LONG 082 33 02)											
AUG / 1982 30...	--	5	990	--	220	100	100	1.4	5.2	--	--
272119082324801 - CITY OF SARASOTA PANAMA DR. WELL AT SARASOTA, FL (LAT 27 21 19 LONG 082 32 48)											
APR / 1982 14...	--	--	--	--	--	--	--	--	--	--	--
AUG 31...	--	5	1100	--	250	120	130	1.7	5.0	--	--
272120082322701 - CITY OF SARASOTA 21 AND RAILROAD (LAT 27 21 20 LONG 082 32 27)											
AUG / 1982 30...	--	5	950	--	210	97	70	1.0	4.4	--	--
272121082363601 - LONGBOAT KEY CLUB AT LONGBOAT KEY, FL (LAT 27 21 21 LONG 082 36 36)											
JAN / 1982 18...	--	5	1000	--	240	100	140	1.9	8.0	--	--
272122082330801 - CITY OF SARASOTA -- 22ND ST. & THE BAY (LAT 27 21 22 LONG 082 33 08)											
AUG / 1982 30...	--	5	910	--	200	92	76	1.1	5.6	--	--
272127082323801 - CITY OF SARASOTA AND COCONUT (LAT 27 21 27 LONG 082 32 38)											
AUG / 1982 30...	--	5	1100	--	240	110	100	1.3	5.2	--	--
272129082330202 - CITY OF SARASOTA HICKORY AVENUE (LAT 27 21 29 LONG 082 33 02)											
AUG / 1982 30...	--	5	990	--	220	100	96	1.3	5.6	--	--
272151082151801 - VERNA PROD WELL 39 (LAT 27 21 51 LONG 082 15 18)											
SEP / 1982 02...	--	0	550	--	120	54	14	.3	2.5	--	--
272213082154901 - VERNA PROD WELL 38 (LAT 27 22 13 LONG 082 15 49)											
SEP / 1982 02...	--	0	530	--	120	52	15	.3	2.3	--	--
272218082152701 - VERNA PROD WELL 35 (LAT 27 22 18 LONG 082 15 27)											
SEP / 1982 02...	--	0	540	--	120	52	15	.3	2.3	--	--
272219082151701 - VERNA PROD WELL 37 (LAT 27 22 19 LONG 082 15 17)											
SEP / 1982 02...	--	0	410	--	86	42	15	.3	2.3	--	--
272220082151201 - VERNA PROD WELL 36 (LAT 27 22 20 LONG 082 15 12)											
SEP / 1982 02...	--	0	360	--	78	36	18	.4	2.1	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	ALKA- LINITY FIELD (MG/L AS CAC03) (00410)	FLUO- RIDE- DIS- SOLVED (MG/L AS F) (00950)	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)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS FE) (01082)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
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SARASOTA COUNTY

272113082330201 - CITY OF SARASOTA ALAMEDA AVENUE (LAT 27 21 13 LONG 082 33 02)

AUG / 1982 30...	--	1.2	1690	1500	--	--	--	--	--	26000
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272119082324801 - CITY OF SARASOTA PANAMA DR. WELL AT SARASOTA, FL (LAT 27 21 19 LONG 082 32 48)

APR / 1982 14...	--	--	1650	--	--	--	--	--	--	--
AUG / 1982 31...	--	1.0	1870	1700	--	--	--	--	--	27000

272120082322701 - CITY OF SARASOTA 21 AND RAILROAD (LAT 27 21 20 LONG 082 32 27)

AUG / 1982 30...	--	1.1	1540	1370	--	--	--	--	--	23000
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272121082363601 - LONGBOAT KEY CLUB AT LONGBOAT KEY, FL (LAT 27 21 21 LONG 082 36 36)

JAN / 1982 18...	--	1.8	1750	1700	--	--	--	--	--	24000
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272122082330801 - CITY OF SARASOTA -- 22ND ST. & THE BAY (LAT 27 21 22 LONG 082 33 08)

AUG / 1982 30...	--	1.3	1440	1400	--	--	--	--	--	23000
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272127082323801 - CITY OF SARASOTA AND COCONUT (LAT 27 21 27 LONG 082 32 38)

AUG / 1982 30...	--	1.2	1770	1700	--	--	--	--	--	24000
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272129082330202 - CITY OF SARASOTA HICKORY AVENUE (LAT 27 21 29 LONG 082 33 02)

AUG / 1982 30...	--	1.2	1670	1500	--	--	--	--	--	28000
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272151082151801 - VERNA PROD WELL 39 (LAT 27 21 51 LONG 082 15 18)

SEP / 1982 02...	--	1.1	816	730	--	--	--	--	--	22000
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272213082154901 - VERNA PROD WELL 38 (LAT 27 22 13 LONG 082 15 49)

SEP / 1982 02...	--	1.2	788	690	--	--	--	--	--	18000
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272218082152701 - VERNA PROD WELL 35 (LAT 27 22 18 LONG 082 15 27)

SEP / 1982 02...	--	2.0	776	710	--	--	--	--	--	19000
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272219082151701 - VERNA PROD WELL 37 (LAT 27 22 19 LONG 082 15 17)

SEP / 1982 02...	--	1.3	612	550	--	--	--	--	--	18000
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272220082151201 - VERNA PROD WELL 36 (LAT 27 22 20 LONG 082 15 12)

SEP / 1982 02...	--	1.1	524	490	--	--	--	--	--	14000
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GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	PH (STAND- ARD UNITS) (00400)	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)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLD (MG/L AS HC03) (00440)	CAR- BONATE FET-FLD (MG/L AS C03) (00445)
SARASOTA COUNTY											
272225082152001 - VERNA PROD WELL 34 (LAT 27 22 25 LONG 082 15 20)											
SEP / 1982 02...	--	0	580	--	130	56	14	.3	2.4	--	--
272233082151101 - VERNA PROD WELL 32 (LAT 27 22 33 LONG 082 15 11)											
SEP / 1982 02...	--	0	570	--	130	56	15	.3	2.6	--	--
272233082152701 - VERNA PROD WELL 31 (LAT 27 22 33 LONG 082 15 27)											
SEP / 1982 02...	--	0	620	--	140	60	14	.2	2.5	--	--
272247082170201 - VERNA PROD WELL 23 (LAT 27 22 47 LONG 082 17 02)											
SEP / 1982 01...	--	0	520	--	110	54	16	.3	2.6	--	--
272248082162801 - VERNA PROD WELL 29 (LAT 27 22 48 LONG 082 16 28)											
SEP / 1982 01...	--	0	630	--	140	62	14	.2	2.6	--	--
272248082164501 - VERNA PROD WELL 26 (LAT 27 22 48 LONG 082 16 45)											
SEP / 1982 01...	--	0	630	--	140	62	14	.2	2.5	--	--
272248082171901 - VERNA PROD. WELL 20 (LAT 27 22 48 LONG 082 17 19)											
SEP / 1982 01...	--	0	580	--	130	56	13	.2	2.3	--	--
272248082173601 - VERNA PROD WELL 17 (LAT 27 22 48 LONG 082 17 36)											
SEP / 1982 01...	--	0	450	--	94	48	19	.4	2.6	--	--
272248082175301 - VERNA PROD WELL 14 (LAT 27 22 48 LONG 082 17 53)											
SEP / 1982 01...	--	0	560	--	120	58	16	.3	2.9	--	--
272248082180801 - VERNA PROD WELL 11 (LAT 27 22 48 LONG 082 18 08)											
SEP / 1982 01...	--	0	530	--	120	52	20	.4	2.3	--	--
272248082184601 - VERNA PROD WELL 5 (LAT 27 22 48 LONG 082 18 46)											
SEP / 1982 01...	--	0	630	--	140	62	18	.3	2.8	--	--
272248082190301 - VERNA PROD WELL 2 (LAT 27 22 48 LONG 082 19 03)											
SEP / 1982 01...	--	0	610	--	130	62	17	.3	2.9	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	PH (STANDARD UNITS) (00400)	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)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLD (MG/L AS HC03) (00440)	CAR- BONATE FET-FLD (MG/L AS C03) (00445)
SARASOTA COUNTY											
272256082163501 - VERNA PROD WELL 27 (LAT 27 22 56 LONG 082 16 35)											
SEP / 1982 01...	--	0	740	--	180	68	15	.2	2.6	--	--
272257082162801 - VERNA PROD WELL 28 (LAT 27 22 57 LONG 082 16 28)											
SEP / 1982 01...	--	0	590	--	120	64	15	.3	2.7	--	--
272257082165401 - VERNA PROD WELL 24 (LAT 27 22 57 LONG 082 16 54)											
SEP / 1982 01...	--	0	620	--	140	62	15	.3	2.5	--	--
272257082171001 - VERNA PROD WELL 21 (LAT 27 22 57 LONG 082 17 10)											
SEP / 1982 01...	--	0	910	--	210	88	14	.2	2.7	--	--
272257082174401 - VERNA PROD WELL 15 (LAT 27 22 57 LONG 082 17 44)											
SEP / 1982 01...	--	0	700	--	150	72	14	.2	2.9	--	--
272257082180201 - VERNA PROD WELL 12 (LAT 27 22 57 LONG 082 18 02)											
SEP / 1982 01...	--	0	680	--	150	68	15	.3	3.0	--	--
272257082180202 - VERNA W T WELL 11 (LAT 27 22 57 LONG 082 18 02)											
FEB / 1982 17...	--	40	7	--	1.6	.8	10	1.6	.0	--	--
272257082181801 - VERNA PROD WELL 9 (LAT 27 22 57 LONG 082 18 18)											
SEP / 1982 01...	--	0	750	--	170	76	14	.2	2.9	--	--
272257082183601 - VERNA PROD WELL 6 (LAT 27 22 57 LONG 082 18 36)											
SEP / 1982 01...	--	0	620	--	130	64	18	.3	3.1	--	--
272257082185401 - VERNA PROD WELL 3 (LAT 27 22 57 LONG 082 18 54)											
SEP / 1982 01...	--	0	530	--	110	56	18	.3	2.8	--	--
272305082190301 - VERNA PROD WELL 1 (LAT 27 23 05 LONG 082 19 03)											
SEP / 1982 01...	--	0	720	--	160	72	19	.3	2.9	--	--
272306082182701 - VERNA PROD WELL 7 (LAT 27 23 06 LONG 082 18 27)											
SEP / 1982 01...	--	0	540	--	120	56	20	.4	2.5	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	ALKA- LINITY FIELD (MG/L AS CACO3) (00410)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (7030C)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
SARASOTA COUNTY										
	272256082163501 - VERNA PROD WELL 27 (LAT 27 22 56 LONG 082 16 35)									
SEP / 1982 01...	--	1.0	988	940	--	--	--	--	--	12000
	272257082162801 - VERNA PROD WELL 28 (LAT 27 22 57 LONG 082 16 28)									
SEP / 1982 01...	--	1.8	820	780	--	--	--	--	--	19000
	272257082165401 - VERNA PROD WELL 24 (LAT 27 22 57 LONG 082 16 54)									
SEP / 1982 01...	--	1.4	848	15800	--	--	--	--	--	17000
	272257082171001 - VERNA PROD WELL 21 (LAT 27 22 57 LONG 082 17 10)									
SEP / 1982 01...	--	1.4	1250	1200	--	--	--	--	--	24000
	272257082174401 - VERNA PROD WELL 15 (LAT 27 22 57 LONG 082 17 44)									
SEP / 1982 01...	--	1.7	984	940	--	--	--	--	--	29000
	272257082180201 - VERNA PROD WELL 12 (LAT 27 22 57 LONG 082 19 02)									
SEP / 1982 01...	--	1.8	932	900	--	--	--	--	--	24000
	272257082180202 - VERNA W T WELL 11 (LAT 27 22 57 LONG 082 19 02)									
FEB / 1982 17...	--	1.0	62	36	--	--	--	--	--	50
	272257082181801 - VERNA PROD WELL 9 (LAT 27 22 57 LONG 082 18 18)									
SEP / 1982 01...	--	.9	1070	970	--	--	--	--	--	12000
	272257082183601 - VERNA PROD WELL 6 (LAT 27 22 57 LONG 082 19 36)									
SEP / 1982 01...	--	1.6	864	810	--	--	--	--	--	24000
	272257082185401 - VERNA PROD WELL 3 (LAT 27 22 57 LONG 082 18 54)									
SEP / 1982 01...	--	1.5	768	720	--	--	--	--	--	24000
	272305082190301 - VERNA PROD WELL 1 (LAT 27 23 05 LONG 082 19 03)									
SEP / 1982 01...	--	1.5	1040	950	--	--	--	--	--	22000
	272306082182701 - VERNA PROD WELL 7 (LAT 27 23 06 LONG 082 18 27)									
SEP / 1982 01...	--	1.6	808	720	--	--	--	--	--	12000

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	PH (STAND- ARD UNITS) (00400)	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)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE FET-FLO (MG/L AS HC03) (00440)	CAR- BONATE FET-FLO (MG/L AS C03) (00445)
SARASOTA COUNTY											
272306082184601 - VERNA PROD WELL 4 (LAT 27 23 06 LONG 082 18 46)											
SEP / 1982 01...	--	0	410	--	84	44	20	.4	2.6	--	--
272307082164501 - VERNA PROD WELL 25 (LAT 27 23 07 LONG 082 16 45)											
SEP / 1982 01...	--	0	620	--	140	60	14	.2	2.5	--	--
272307082170201 - VERNA PROD WELL 22 (LAT 27 23 07 LONG 082 17 02)											
SEP / 1982 01...	--	0	510	--	110	52	16	.3	2.6	--	--
272307082171801 - VERNA PROD WELL 19 (LAT 27 23 07 LONG 082 17 18)											
SEP / 1982 01...	--	0	470	--	100	48	16	.3	2.5	--	--
272307082173701 - VERNA PROD WELL 16 (LAT 27 23 07 LONG 082 17 37)											
SEP / 1982 01...	--	0	560	--	120	58	15	.3	2.5	--	--
272307082175301 - VERNA PROD WELL 13 (LAT 27 23 07 LONG 082 17 53)											
SEP / 1982 01...	--	0	570	--	120	58	15	.3	2.9	--	--
272307082180901 - VERNA PROD WELL 10 (LAT 27 23 07 LONG 082 18 09)											
SEP / 1982 01...	--	0	540	--	110	58	17	.3	3.1	--	--
272317082302401 - CO LINE TEST WELL 1 NEAR SARASOTA, FL (LAT 27 23 17 LONG 082 30 24)											
JUN / 1982 09...	--	10	270	--	59	29	18	.5	3.1	--	--
09...	--	5	250	--	52	29	20	.6	3.7	--	--
10...	--	5	260	--	56	30	19	.5	3.3	--	--
JUL 09...	--	10	360	--	74	38	74	1.7	6.6	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
MAJOR CONSTITUENTS

DATE	ALKA- LINITY FIELD (MG/L AS CAC03) (00410)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (7030C)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
SARASOTA COUNTY										
272306082184601 - VERNA PROD WELL 4 (LAT 27 23 06 LONG 082 18 46)										
SEP / 1982 01...	--	1.7	568	560	--	--	--	--	--	16000
272307082164501 - VERNA PROD WELL 25 (LAT 27 23 07 LONG 082 16 45)										
SEP / 1982 01...	--	1.2	900	820	--	--	--	--	--	20000
272307082170201 - VERNA PROD WELL 22 (LAT 27 23 07 LONG 082 17 02)										
SEP / 1982 01...	--	2.0	732	670	--	--	--	--	--	15000
272307082171801 - VERNA PROD WELL 19 (LAT 27 23 07 LONG 082 17 18)										
SEP / 1982 01...	--	2.0	636	620	--	--	--	--	--	15000
272307082173701 - VERNA PROD WELL 16 (LAT 27 23 07 LONG 082 17 37)										
SEP / 1982 01...	--	1.6	800	740	--	--	--	--	--	18000
272307082175301 - VERNA PROD WELL 13 (LAT 27 23 07 LONG 082 17 53)										
SEP / 1982 01...	--	1.8	804	740	--	--	--	--	--	24000
272307082180901 - VERNA PROD WELL 10 (LAT 27 23 07 LONG 082 18 09)										
SEP / 1982 01...	--	2.0	764	720	--	--	--	--	--	24000
272317082302401 - CO LINE TEST WELL 1 NEAR SARASOTA, FL (LAT 27 23 17 LONG 082 30 24)										
JUN / 1982 09...	--	1.0	333	340	--	--	--	--	--	500
09...	--	1.7	331	330	--	--	--	--	--	810
10...	--	1.3	336	340	--	--	--	--	--	640
JUL 09...	--	2.4	652	670	--	--	--	10	--	12000

GROUND WATER QUALITY RECORDS

Nutrients

Data in this section include the following parameters:

Nitrogen, nitrate total	Nitrogen, nitrate dissolved
Nitrogen, nitrite total	Nitrogen, nitrite dissolved
Nitrogen, NO ₂ , NO ₃ total	Nitrogen, NO ₂ , NO ₃ dissolved
Nitrogen, ammonia total	Nitrogen, ammonia dissolved (as N)
Nitrogen, organic total	Nitrogen, organic dissolved
Nitrogen, ammonia organic total	Nitrogen, ammonia organic dissolved
Nitrogen, total (as N)	Nitrogen, total (as NO ₃)
Phosphorus, total	Phosphorus, dissolved
Phosphorus, ortho total	Phosphorus, ortho dissolved (as P)
Phosphorus, ortho dissolved (as PO ₄)	Carbon, organic total
Carbon, organic susp. total	Carbon, inorganic 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 1981 TO SEPTEMBER 1982
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, 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, 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)
CITRUS COUNTY											
290216082292001 - 90222901 16S18E33 CE 77 U S GEOL SURVEY (LAT 29 02 16 LONG 082 29 20)											
APR / 1982											
23...	.34	--	.000	--	.34	--	.000	--	.02	--	.02
SEP											
09...	.30	--	.000	--	.30	--	.020	--	.02	--	.04
HILLSBOROUGH COUNTY											
275629082234001 - PALM RIVER WELL 5 AT TAMPA, FLA (WQ-04) (LAT 27 56 29 LONG 082 23 40)											
MAY / 1982											
12...	.00	--	.000	--	.00	--	--	--	--	--	--
275724082221001 - STRUCTURE S-160 WELL NR TAMPA, FL. (WQ-03) (LAT 27 57 24 LONG 082 22 10)											
MAY / 1982											
12...	.00	--	.000	--	.00	--	--	--	--	--	--
275856082210301 - USCE TEST WELL 2S-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03)											
MAY / 1982											
12...	.07	--	.000	--	.07	--	--	--	--	--	--
280012082204901 - USCE WELL TBC-05 NR TEMP TERR, FL. (WL-05) (LAT 28 00 12 LONG 082 20 49)											
MAY / 1982											
10...	.00	--	.000	--	.00	--	--	--	--	--	--
280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE, FL. (LAT 28 00 30 LONG 082 19 03)											
MAY / 1982											
11...	.89	--	.000	--	.89	--	--	--	--	--	--
280055082222701 - USCE WELL TBC-09 AT TEMP TERR, FL. (WL-09) (LAT 28 00 55 LONG 082 22 27)											
MAY / 1982											
10...	.00	--	.000	--	.00	--	--	--	--	--	--
280116082205301 - USCE TEST WELL 2W-ES NR TEMP TERR, FL. (WQ-05) (LAT 28 01 16 LONG 082 20 53)											
MAY / 1982											
10...	.00	--	.000	--	.00	--	--	--	--	--	--
280230082205601 - USCE WELL TBC-02 NR TEMP TERR, FL. (WL-02) (LAT 28 02 30 LONG 082 20 56)											
MAY / 1982											
10...	2.5	--	.000	--	2.5	--	--	--	--	--	--
280243082203701 - USCE WELL TBC-01 NR TEMP TERR, FL. (WL-01) (LAT 28 02 43 LONG 082 20 37)											
MAY / 1982											
10...	.90	--	.000	--	.90	--	--	--	--	--	--
280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02)											
MAY / 1982											
11...	.00	--	.000	--	.00	--	--	--	--	--	--
280642082195801 - MORRIS BRIDGE DP WELL 38 NR BRANCHTON (WQ-01) (LAT 28 06 42 LONG 082 19 58)											
MAY / 1982											
11...	.00	--	.000	--	.00	--	--	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, 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, 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)
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LEVY COUNTY

290118082364101 - 90123601 17S17E05 CE 70 USGS AT INGLIS LOCK (LAT 29 01 18 LONG 082 36 41)

APR / 1982											
23...	.00	--	.000	--	.00	--	.200	--	.45	--	.65
SEP											
09...	.01	--	.000	--	.01	--	.220	--	.14	--	.36

MARION COUNTY

290132082133001 - 90121301 17S21E08 USGS 08 WELL CE78 NR PEDRO FL (LAT 29 01 32 LONG 082 13 30)

APR / 1982											
22...	.15	--	.000	--	.15	--	.000	--	.00	--	.00
SEP											
08...	.19	--	.000	--	.19	--	.010	--	.12	--	.13

290312082190601 - 90321901 16S20E33 CE 22 U S GEOL SURVEY (LAT 29 03 12 LONG 082 19 06)

APR / 1982											
22...	.23	--	.000	--	.23	--	.000	--	.00	--	.00
SEP											
08...	.26	--	.000	--	.26	--	.010	--	.16	--	.17

290447082250901 - 90422501 16S19E20 CE 13 U S GEOL SURVEY (LAT 29 04 47 LONG 082 25 09)

APR / 1982											
22...	.13	--	.000	--	.13	--	.000	--	.00	--	.00
SEP											
08...	.14	--	.000	--	.14	--	.010	--	.01	--	.02

PINELLAS COUNTY

275217082404901 - PINELLAS CO. LF 30 (LAT 27 52 17 LONG 082 40 49)

DEC / 1981											
08...	.00	--	.000	--	.00	--	.030	--	.05	--	.08
JUL / 1982											
08...	.06	--	.010	--	.07	--	.030	--	.21	--	.24
AUG											
16...	.08	--	.000	--	.08	--	.020	--	.07	--	.09

275217082412501 - PINELLAS CO. LF 15 (LAT 27 52 17 LONG 082 41 25)

FEB / 1982											
09...	.00	--	.000	--	.00	--	.760	--	.97	--	1.73
MAY											
04...	.01	--	.000	--	.01	--	1.60	--	5.3	--	6.90
AUG											
17...	.01	--	.000	--	.01	--	1.60	--	.48	--	2.08

275222082401901 - PINCOLF 34A (LAT 27 52 21 LONG 082 40 19)

MAY / 1982											
13...	.00	--	.000	--	.00	--	.480	--	.65	--	1.13

275222082401902 - PINCOLF 34B (LAT 27 52 21 LONG 082 40 19)

MAY / 1982											
13...	.00	--	.000	--	.00	--	.130	--	.46	--	.59

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
NUTRIENTS

423

DATE	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, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTH, DIS- SOLVED (MG/L AS P04) (00660)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC PENDE TOTAL (MG/L AS C) (00689)	CARBON, INOR- GANIC, TOTAL (MG/L AS C) (00685)
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LEVY COUNTY

290118082364101 - 90123601 17S17E05 CE 70 USGS AT INGLIS LOCK (LAT 29 01 18 LONG 082 36 41)

APR / 1982											
23...	--	.65	2.9	.100	--	.060	--	--	4.0	--	--
SEP											
09...	--	.37	1.6	.160	--	.010	--	--	6.2	--	--

MARION COUNTY

290132082133001 - 90121301 17S21E08 USGS OB WELL CE78 NR PEDRO FL (LAT 29 01 32 LONG 082 13 30)

APR / 1982											
22...	--	.15	.70	.020	--	.020	--	--	.8	--	--
SEP											
08...	--	.32	1.4	.020	--	.020	--	--	.0	--	--

290312082190601 - 90321901 16S20E33 CE 22 U S GEOL SURVEY (LAT 29 03 12 LONG 082 19 06)

APR / 1982											
22...	--	.23	1.0	.040	--	.030	--	--	.2	--	--
SEP											
08...	--	.43	1.9	.040	--	.030	--	--	.0	--	--

290447082250901 - 90422501 16S19E20 CE 13 U S GEOL SURVEY (LAT 29 04 47 LONG 082 25 09)

APR / 1982											
22...	--	.13	.60	.050	--	.050	--	--	1.2	--	--
SEP											
08...	--	.16	.70	.060	--	.060	--	--	4.0	--	--

PINELLAS COUNTY

275217082404901 - PINELLAS CO. LF 30 (LAT 27 52 17 LONG 082 40 49)

DEC / 1981											
08...	--	.08	.40	--	--	--	--	--	--	--	--
JUL / 1982											
08...	--	.31	1.4	--	--	--	--	--	--	--	--
AUG											
16...	--	.17	.80	--	--	--	--	--	--	--	--

275217082412501 - PINELLAS CO. LF 15 (LAT 27 52 17 LONG 082 41 25)

FEB / 1982											
09...	--	1.7	7.7	.180	--	.070	--	--	--	--	--
MAY											
04...	--	6.9	31	--	--	--	--	--	--	--	--
AUG											
17...	--	2.1	9.3	--	--	--	--	--	--	--	--

275222082401901 - PINCOLF 34A (LAT 27 52 21 LONG 082 40 19)

MAY / 1982											
13...	--	1.1	5.0	.150	--	.080	--	--	--	--	--

275222082401902 - PINCOLF 34B (LAT 27 52 21 LONG 082 40 19)

MAY / 1982											
13...	--	.59	2.6	.170	--	.170	--	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, 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, 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)
PINELLAS COUNTY											
275226082402003 - PINCOLF 0 3 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20)											
DEC / 1981											
08...	.00	--	.000	--	.00	--	.090	--	.72	--	.81
JUL / 1982											
01...	.00	--	.000	--	.00	--	.840	--	.82	--	1.66
275227082402003 - PINCOLF C 3 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20)											
DEC / 1981											
08...	.00	--	.010	--	.01	--	3.20	--	.79	--	3.99
JUL / 1982											
01...	.08	--	.010	--	.09	--	15.0	--	.80	--	15.8
280601082455301 - PINCO NWSTP 1020 BPND (LAT 28 06 01 LONG 082 45 53)											
FEB / 1982											
03...	1.9	--	.000	--	1.9	--	.010	--	.00	--	.01
APR											
26...	1.1	--	.000	--	1.1	--	.010	--	.00	--	.01
SEP											
01...	2.8	--	.000	--	2.8	--	.030	--	.30	--	.33
280601082460301 - 810 BPND (LAT 28 06 01 LONG 082 46 03)											
FEB / 1982											
03...	6.0	--	.010	--	6.0	--	.020	--	.08	--	.10
APR											
26...	6.0	--	.010	--	6.0	--	.010	--	.14	--	.15
SEP											
01...	.93	--	.000	--	.93	--	.050	--	.40	--	.45
280614082462301 - PINCO NWSTP 604 HILS (LAT 28 06 14 LONG 082 46 23)											
FEB / 1982											
03...	4.2	--	.000	--	4.2	--	.020	--	.48	--	.50
APR											
26...	3.6	--	.000	--	3.6	--	.010	--	.36	--	.37
SEP											
01...	2.8	--	.010	--	2.8	--	.030	--	.34	--	.37
280618082454001 - PINCO NWSTP 31 (LAT 28 06 18 LONG 082 45 40)											
APR / 1982											
27...	9.4	--	.000	--	9.4	--	.010	--	.37	--	.38
SEP											
02...	14	--	.000	--	14	--	.040	--	.57	--	.61
280623082460501 - INNISBROOK 10 NEAR TARPON SPRINGS, FL (LAT 28 06 23 LONG 082 46 05)											
APR / 1982											
27...	.00	--	.010	--	.01	--	.360	--	.74	--	1.10
SEP											
02...	.00	--	.000	--	.00	--	.540	--	.78	--	1.32
280625082453804 - INNISBROOK 16 NEAR TARPON SPRINGS, FL (LAT 28 06 25 LONG 082 45 38)											
APR / 1982											
28...	8.6	--	.050	--	8.7	--	.020	--	.72	--	.74
SEP											
02...	.69	--	.050	--	.74	--	.050	--	1.4	--	1.45

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
NUTRIENTS

DATE	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, 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, 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)
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PINELLAS COUNTY

280629082454204 - INNISBROOK 20D NEAR TARPON SPRINGS, FL (LAT 28 06 29 LONG 082 45 42)

APR / 1982											
27...	3.7	--	.000	--	3.7	--	.020	--	.72	--	.74
SEP											
02...	6.8	--	.120	--	6.9	--	.030	--	.91	--	.94

280629082454205 - INNISBROOK 20E NEAR TARPON SPRINGS, FL (LAT 28 06 29 LONG 082 45 42)

APR / 1982											
27...	6.4	--	.030	--	6.4	--	.020	--	.26	--	.28
SEP											
02...	5.4	--	.070	--	5.5	--	.040	--	.83	--	.87

280631082454504 - INNISBROOK 11 NEAR TARPON SPRINGS, FL (LAT 28 06 31 LONG 082 45 45)

APR / 1982											
27...	.00	--	.000	--	.00	--	.140	--	.69	--	.83
SEP											
03...	.00	--	.000	--	.00	--	.210	--	.98	--	1.19

280634082453405 - 27S15E25 INNISBROOK 144 (LAT 28 06 34 LONG 082 45 34)

FEB / 1982											
03...	.54	--	.010	--	.55	--	.090	--	.40	--	.49
APR											
28...	.01	--	.030	--	.04	--	.080	--	.56	--	.64
SEP											
03...	3.0	--	.000	--	3.0	--	.050	--	.55	--	.60

280637082461201 - PINCO NWSTP 3915 DESOTO (LAT 28 06 37 LONG 082 46 12)

FEB / 1982											
03...	5.9	--	.000	--	5.9	--	.020	--	.02	--	.04
APR											
26...	5.7	--	.000	--	5.7	--	.010	--	.07	--	.08
SEP											
01...	7.5	--	.000	--	7.5	--	.020	--	.45	--	.47

280647082461401 - PINCO NWST 811 HARRY (LAT 28 06 47 LONG 082 46 14)

FEB / 1982											
03...	1.6	--	.000	--	1.6	--	.010	--	.00	--	.01
APR											
26...	2.0	--	.000	--	2.0	--	.010	--	.08	--	.09
SEP											
01...	1.2	--	.000	--	1.2	--	.010	--	.02	--	.03

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
NUTRIENTS

427

DATE	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, 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)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC SUS- PENDE TOTAL (MG/L AS C) (00689)	CARBON, INOR- GANIC, TOTAL (MG/L AS C) (00685)
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PINELLAS COUNTY

280629082454204 - INNISBROOK 20D NEAR TARPON SPRINGS, FL (LAT 28 06 29 LONG 082 45 42)

APR / 1982											
27...	--	4.4	20	3.50	--	3.20	--	--	--	--	--
SEP											
02...	--	7.9	35	--	--	2.60	--	--	--	--	--

280629082454205 - INNISBROOK 20E NEAR TARPON SPRINGS, FL (LAT 28 06 29 LONG 082 45 42)

APR / 1982											
27...	--	6.7	30	.220	--	.180	--	--	--	--	--
SEP											
02...	--	6.3	28	.210	--	.210	--	--	--	--	--

280631082454504 - INNISBROOK 11 NEAR TARPON SPRINGS, FL (LAT 28 06 31 LONG 082 45 45)

APR / 1982											
27...	--	.83	3.7	.040	--	.030	--	--	--	--	--
SEP											
03...	--	1.2	5.3	.050	--	.020	--	--	--	--	--

280634082453405 - 27S15E25 INNISBROOK 144 (LAT 28 06 34 LONG 082 45 34)

FEB / 1982											
03...	--	1.0	4.6	.060	--	.030	--	--	--	--	--
APR											
28...	--	.68	3.0	.320	--	.120	--	--	--	--	--
SEP											
03...	--	3.6	16	.120	--	.010	--	--	--	--	--

280637082461201 - PINCO NWSTP 3915 DESOTO (LAT 28 06 37 LONG 082 46 12)

FEB / 1982											
03...	--	5.9	26	.040	--	.030	--	--	--	--	--
APR											
26...	--	5.8	26	.030	--	.030	--	--	--	--	--
SEP											
01...	--	8.0	35	.050	--	.040	--	--	--	--	--

280647082461401 - PINCO NWST 811 HARRY (LAT 28 06 47 LONG 082 46 14)

FEB / 1982											
03...	--	1.6	7.1	.030	--	.020	--	--	--	--	--
APR											
26...	--	2.1	9.3	.020	--	.020	--	--	--	--	--
SEP											
01...	--	1.2	5.4	.040	--	.020	--	--	--	--	--

GROUND WATER QUALITY RECORDS

Radiochemical Data

Data in this section include the following parameters:

Gross Alpha, dissolved (80030)	Gross Alpha, sus tot (80040)
Gross Alpha, dissolved (01515)	Gross Alpha, sus tot (01516)
Gross Beta, dissolved (03515)	Gross Beta, sus tot (03516)
Gross Beta, dissolved (80050)	Gross Beta, sus tot (80060)
RA-226, dissolved, planchet count	Uranium, natural, 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 1981 TO SEPTEMBER 1982
RADIOCHEMICAL DATA

433

DATE	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT) (80030)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT) (80040)	GROSS ALPHA, DIS-SOLVED (PCI/L AS U-NAT) (01515)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) (03515)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137) (03516)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/ YT-90) (80050)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90) (80060)	RA-226, DIS-SOLVED PLAN-CHEM COUNT (PCI/L) (09510)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
SARASOTA COUNTY										
271121082173501 - MAC ARTHUR WELL 5-10 NR SARASOTA, FL (LAT 27 11 21 LONG 082 17 35)										
JUN / 1982 29...	--	--	--	--	--	--	--	--	--	.9
271127082155701 - MAC ARTHUR WELL 9.-12 NR SARASOTA, FL (LAT 27 11 27 LONG 082 15 57)										
JUN / 1982 30...	--	--	--	--	--	--	--	--	--	<.4
271134082092201 - BIG SLOUGH DEEP WELL NEAR ARCADIA, FL. (LAT 27 11 34 LONG 082 09 22)										
FEB / 1982 18...	--	--	--	--	--	--	--	--	--	<.6
271152082123701 - MAC ARTHUR WELL 16-4 NR SARASOTA, FL (LAT 27 11 52 LONG 082 12 37)										
JUL / 1982 12...	--	--	--	--	--	--	--	--	--	3.7
271205082144501 - MAC ARTHUR WELL 13-6 NR SARASOTA, FL (LAT 27 12 05 LONG 082 14 45)										
JUL / 1982 12...	--	--	--	--	--	--	--	--	--	<.4
271207082154301 - MAC ARTHUR WELL 9-1 NR SARASOTA, FL (LAT 27 12 07 LONG 082 15 43)										
JUN / 1982 30...	--	--	--	--	--	--	--	--	--	1.0
271208082164201 - MAC ARTHUR WELL 9-2 NR SARASOTA, FL (LAT 27 12 08 LONG 082 16 42)										
JUN / 1982 29...	--	--	--	--	--	--	--	--	--	.6
271208082284901 - PALMER CORP WELL NR OSPREY, FL (LAT 27 12 08 LONG 082 28 49)										
FEB / 1982 03...	--	--	--	--	--	--	--	--	3.3	--
271212082173501 - MAC ARTHUR WELL 5-3 NR SARASOTA, FL (LAT 27 12 12 LONG 082 17 35)										
JUN / 1982 29...	--	--	--	--	--	--	--	--	--	1.8
271222082295201 - SARASOTA COUNTY HISTORICAL SOCIETY WELL (LAT 27 12 22 LONG 082 29 52)										
FEB / 1982 08...	--	--	--	--	--	--	--	--	1.9	<.6
271225082295301 - OAKS PROPERTY NR OSPREY, FL (LAT 27 12 25 LONG 082 29 53)										
FEB / 1982 08...	--	--	--	--	--	--	--	--	8.5	<.6

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
RADIOCHEMICAL DATA

435

DATE	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT) (80030)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT) (80040)	GROSS ALPHA, DIS-SOLVED (PCI/L AS U-NAT) (01515)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) (03515)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137) (03516)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/ YT-90) (80050)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90) (80060)	RA-226, DIS-SOLVED PLAN-CHEM COUNT (PCI/L) (09510)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
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SARASOTA COUNTY

271821082155101 - 36S2GE36 (LAT 27 18 21 LONG 082 15 51)

FEB , 1982
17... -- -- -- -- -- -- -- -- -- -- <.6

271901082275601 - PETERS TURTLE CREEK D.WELL NR SARASOTA, FL (LAT 27 19 01 LONG 082 27 56)

FEB , 1982
17... -- -- -- -- -- -- -- -- -- -- <.6

272038082292401 - BOBBY JONES WELL 3 NR SARASOTA, FL (LAT 27 20 38 LONG 082 29 24)

SEP , 1982
09... -- -- -- -- -- -- -- -- -- -- <.4

272039082291801 - BOBBY JONES WELL 3 NR SARASOTA, FL (LAT 27 20 39 LONG 082 29 18)

SEP , 1982
09... -- -- -- -- -- -- -- -- -- -- <.4

272040082325501 - CITY OF SARASOTA NEW HOG AT SARASOTA, FL (LAT 27 20 40 LONG 082 32 55)

SEP , 1982
09... -- -- -- -- -- -- -- -- -- -- <.4

272040082325801 - CITY OF SARASOTA BIG HOG AT SARASOTA, FL (LAT 27 20 40 LONG 082 32 58)

SEP , 1982
09... -- -- -- -- -- -- -- -- -- -- <.4

272047082291501 - BOBBY JONES WELL 6 NR SARASOTA, FL (LAT 27 20 47 LONG 082 29 15)

SEP , 1982
09... -- -- -- -- -- -- -- -- -- -- <.4

272053082291001 - BOBBY JONES WELL 5 NR SARASOTA, FL (LAT 27 20 53 LONG 082 29 10)

SEP , 1982
09... -- -- -- -- -- -- -- -- -- -- <.4

272113082330201 - CITY OF SARASOTA ALAMEDA AVENUE (LAT 27 21 13 LONG 082 33 02)

AUG , 1982
30... -- -- -- -- -- -- -- -- -- -- <.4

272119082324801 - CITY OF SARASOTA PANAMA DR. WELL AT SARASOTA, FL (LAT 27 21 19 LONG 082 32 48)

AUG , 1982
31... -- -- -- -- -- -- -- -- -- -- .5

272120082322701 - CITY OF SARASOTA 21 AND RAILROAD (LAT 27 21 20 LONG 082 32 27)

AUG , 1982
30... -- -- -- -- -- -- -- -- -- -- .4

GROUND WATER QUALITY RECORDS

Trace Elements

Data in this section include the following parameters:

Arsenic, total	Barium, total recoverable
Cadmium, total recoverable	Chromium, total recoverable
Cobalt, total recoverable	Copper, total recoverable
Iron, total recoverable	Iron, suspended recoverable
Iron, dissolved	Lead, total recoverable
Manganese, total recoverable	Manganese, dissolved
Mercury, total recoverable	Mercury, suspended recoverable
Mercury, dissolved	Nickel, total recoverable
Selenium, total	Silver, total recoverable
Zinc, total recoverable	

The following remarks codes may appear with the data in this section:

E	Estimated value
<	Actual value is known to be less than the value shown
>	Actual value is known to be greater than the value shown
M	Presence of material verified but not quantified
N	Presumptive evidence of presence of material
ND	Material specifically analyzed for but not detected
K	Results based on colony count outside the acceptance range (non-ideal colony count)

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TRACE ELEMENTS

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS 3A) (01007)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, SUS- PENDED RECOV- ERABLE (UG/L AS FE) (01044)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
HILLSBOROUGH COUNTY										
275629082234001 - PALM RIVER WELL 5 AT TAMPA,FLA (WQ-04) (LAT 27 56 29 LONG 082 23 40)										
MAY , 1982 12...	1	--	<1	30	2	4	700	--	--	1
275724092221001 - STRUCTURE S-160 WELL NR TAMPA, FL. (WQ-03) (LAT 27 57 24 LONG 082 22 10)										
MAY , 1982 12...	1	--	<1	20	<1	4	330	--	--	1
275856082210301 - USCE TEST WELL 2S-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03)										
MAY , 1982 12...	4	--	<1	20	2	4	80	--	--	2
280012082204901 - USCE WELL TBC-05 NR TEMP TERR, FL. (WL-05) (LAT 28 00 12 LONG 082 20 49)										
MAY , 1982 10...	1	--	<1	20	3	4	1800	--	--	4
280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE,FL. (LAT 28 00 30 LONG 082 19 08)										
MAY , 1982 11...	1	--	1	20	1	7	40	--	--	3
280055032222701 - USCE WELL TBC-09 AT TEMP TERR, FL. (WL-09) (LAT 28 00 55 LONG 082 22 27)										
MAY , 1982 10...	1	--	<1	30	2	4	500	--	--	4
280116082205301 - USCE TEST WELL 2W-ES NR TEMP TERR, FL. (WQ-05) (LAT 28 01 16 LONG 082 20 53)										
MAY , 1982 10...	2	--	<1	20	2	3	520	--	--	1
280230082205601 - USCE WELL TBC-02 NR TEMP TERR, FL. (WL-02) (LAT 28 02 30 LONG 082 20 56)										
MAY , 1982 10...	3	--	<1	20	2	4	560	--	--	2
280243082203701 - USCE WELL TBC-01 NR TEMP TERR, FL. (WL-01) (LAT 28 02 43 LONG 082 20 37)										
MAY , 1982 10...	1	--	<1	20	1	5	490	--	--	2
280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02)										
MAY , 1982 11...	2	--	<1	20	1	9	350	--	--	3
280642082195801 - MORRIS BRIDGE DP WELL 3B NR BRANCHTON (WQ-01) (LAT 28 06 42 LONG 082 19 58)										
MAY , 1982 11...	1	--	1	20	1	3	3500	--	--	1

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TRACE ELEMENTS

439

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY SUS- PENDE RECOV- ERABLE (UG/L AS HG) (71895)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
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HILLSBOROUGH COUNTY

275629082234001 - PALM RIVER WELL 5 AT TAMPA, FLA (WQ-04) (LAT 27 56 29 LONG 082 23 40)

MAY , 1982 12...	30	--	.2	--	--	--	<1	--	20
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275724082221001 - STRUCTURE S-160 WELL NR TAMPA, FL. (WQ-03) (LAT 27 57 24 LONG 082 22 10)

MAY , 1982 12...	10	--	.1	--	--	--	<1	--	10
---------------------	----	----	----	----	----	----	----	----	----

2758560822210301 - USCE TEST WELL 2S-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03)

MAY , 1982 12...	10	--	.2	--	--	--	<1	--	30
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280012082204901 - USCE WELL TBC-05 NR TEMP TERR, FL. (WL-05) (LAT 28 00 12 LONG 082 20 49)

MAY , 1982 10...	20	--	.2	--	--	--	<1	--	20
---------------------	----	----	----	----	----	----	----	----	----

280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE, FL. (LAT 28 00 30 LONG 082 19 08)

MAY , 1982 11...	10	--	<.1	--	--	--	<1	--	30
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280055082222701 - USCE WELL TBC-09 AT TEMP TERR, FL. (WL-09) (LAT 28 00 55 LONG 082 22 27)

MAY , 1982 10...	20	--	.2	--	--	--	<1	--	10
---------------------	----	----	----	----	----	----	----	----	----

280116082205301 - USCE TEST WELL 2W-ES NR TEMP TERR, FL. (WQ-05) (LAT 28 01 16 LONG 082 20 53)

MAY , 1982 10...	30	--	<.1	--	--	--	<1	--	10
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280230082205601 - USCE WELL TBC-02 NR TEMP TERR, FL. (WL-02) (LAT 28 02 30 LONG 082 20 56)

MAY , 1982 10...	10	--	<.1	--	--	--	<1	--	20
---------------------	----	----	-----	----	----	----	----	----	----

280243082203701 - USCE WELL TBC-01 NR TEMP TERR, FL. (WL-01) (LAT 28 02 43 LONG 082 20 37)

MAY , 1982 10...	10	--	<.1	--	--	--	<1	--	20
---------------------	----	----	-----	----	----	----	----	----	----

280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02)

MAY , 1982 11...	<10	--	.2	--	--	--	<1	--	80
---------------------	-----	----	----	----	----	----	----	----	----

280642082195801 - MORRIS BRIDGE DP WELL 3B NR BRANCHTON (WQ-01) (LAT 28 06 42 LONG 082 19 58)

MAY , 1982 11...	50	--	.1	--	--	--	<1	--	10
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GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TRACE ELEMENTS

441

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY SUS- PENDE RECOV- ERABLE (UG/L AS HG) (71895)	MERCURY TOTAL RECOV- DIS- SOLVED (UG/L AS HG) (71890)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
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PINELLAS COUNTY

275217082404901 - PINELLAS CO. LF 30 (LAT 27 52 17 LONG 082 40 49)

DEC / 1981									
08...	--	--	--	--	--	--	--	--	--
JUL / 1982									
08...	--	--	--	--	--	--	--	--	--
AUG									
16...	--	--	--	--	--	--	--	--	--

275217082412501 - PINELLAS CO. LF 15 (LAT 27 52 17 LONG 082 41 25)

FEB / 1982									
09...	--	--	--	--	--	--	--	--	--
MAY									
04...	--	--	--	--	--	--	--	--	--
AUG									
17...	--	--	--	--	--	--	--	--	--

275226082402003 - PINCOLF O 3 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20)

DEC / 1981									
08...	--	--	--	--	--	--	--	--	--
JUL / 1982									
01...	--	--	--	--	--	--	--	--	--

275227082402003 - PINCOLF C 3 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20)

DEC / 1981									
08...	--	--	--	--	--	--	--	--	--
JUL / 1982									
01...	--	--	--	--	--	--	--	--	--

275636082462902 - 29S15E23 SHALLOW WELL 33 AT CLEARWATER, FLA (LAT 27 56 36 LONG 082 46 29)

JUL / 1982									
08...	--	--	--	--	--	--	--	--	--

280107082460401 - CLE-DUN S. WELL 18 AT DUNEDIN, FL (LAT 28 01 07 LONG 082 46 04)

JUL / 1982									
08...	--	--	--	--	--	--	--	--	--

280405082455401 - USGS 224 (LAT 28 04 05 LONG 082 45 54)

JUL / 1982									
08...	--	--	--	--	--	--	--	--	--

280601082455301 - PINCO NWSTP 1020 BPND (LAT 28 06 01 LONG 082 45 53)

FEB / 1982									
03...	--	--	--	--	--	--	<1	--	--
APR									
26...	--	--	--	--	--	--	<1	--	--
SEP									
01...	--	--	--	--	--	--	<1	--	--

280601082460301 - 810 BPND (LAT 28 06 01 LONG 082 46 03)

FEB / 1982									
03...	--	--	--	--	--	--	15	--	--
APR									
26...	--	--	--	--	--	--	17	--	--
SEP									
01...	--	--	--	--	--	--	7	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TRACE ELEMENTS

443

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY SUS- PENDE RECOV- ERABLE (UG/L AS HG) (71895)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
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PINELLAS COUNTY

280614082462301 - PINCO NWSTP 604 HILS (LAT 28 06 14 LONG 082 46 23)

FEB / 1982									
03...	--	--	--	--	--	--	<1	--	--
APR									
26...	--	--	--	--	--	--	<1	--	--
SEP									
01...	--	--	--	--	--	--	<1	--	--

280618082454001 - PINCO NWSTP 31 (LAT 28 06 18 LONG 082 45 40)

FEB / 1982									
02...	--	--	--	--	--	--	<1	--	--
APR									
27...	--	--	--	--	--	--	<1	--	--
SEP									
02...	--	--	--	--	--	--	<1	--	--

280623082460501 - INNISBROOK 10 NEAR TARPON SPRINGS, FL (LAT 28 06 23 LONG 082 46 05)

FEB / 1982									
02...	--	--	--	--	--	--	<1	--	--
APR									
27...	--	--	--	--	--	--	<1	--	--
SEP									
02...	--	--	--	--	--	--	<1	--	--

280625082453804 - INNISBROOK 16 NEAR TARPON SPRINGS, FL (LAT 28 06 25 LONG 082 45 38)

FEB / 1982									
02...	--	--	--	--	--	--	<1	--	--
APR									
28...	--	--	--	--	--	--	<1	--	--
SEP									
02...	--	--	--	--	--	--	<1	--	--

280629082454204 - INNISBROOK 20D NEAR TARPON SPRINGS, FL (LAT 28 06 29 LONG 082 45 42)

FEB / 1982									
02...	--	--	--	--	--	--	<1	--	--
APR									
27...	--	--	--	--	--	--	<1	--	--
SEP									
02...	--	--	--	--	--	--	<1	--	--

280629082454205 - INNISBROOK 20E NEAR TARPON SPRINGS, FL (LAT 28 06 29 LONG 082 45 42)

FEB / 1982									
02...	--	--	--	--	--	--	<1	--	--
APR									
27...	--	--	--	--	--	--	<1	--	--
SEP									
02...	--	--	--	--	--	--	<1	--	--

280631082454504 - INNISBROOK 11 NEAR TARPON SPRINGS, FL (LAT 28 06 31 LONG 082 45 45)

FEB / 1982									
02...	--	--	--	--	--	--	<1	--	--
APR									
27...	--	--	--	--	--	--	<1	--	--
SEP									
03...	--	--	--	--	--	--	<1	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TRACE ELEMENTS

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, SUS- PENDE RECOV- ERABLE (UG/L AS FE) (01044)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
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PINELLAS COUNTY

280634082453405 - 27S15E25 INNISBROOK 144 (LAT 28 06 34 LONG 082 45 34)

DATE	ARSENIC	BARIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	IRON SUS-PENDED	IRON DIS-SOLVED	LEAD
FEB / 1982										
03...	3	--	--	--	--	--	--	--	--	--
APR 28...	4	--	--	--	--	--	--	--	--	--
SEP 03...	2	--	--	--	--	--	--	--	--	--

280637082461201 - PINCO NWSTP 3915 DESOTO (LAT 28 06 37 LONG 082 46 12)

DATE	ARSENIC	BARIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	IRON SUS-PENDED	IRON DIS-SOLVED	LEAD
FEB / 1982										
03...	1	--	--	--	--	--	--	--	--	--
APR 26...	2	--	--	--	--	--	--	--	--	--
SEP 01...	1	--	--	--	--	--	--	--	--	--

280647082461401 - PINCO NWST 811 HARRY (LAT 28 06 47 LONG 082 46 14)

DATE	ARSENIC	BARIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	IRON SUS-PENDED	IRON DIS-SOLVED	LEAD
FEB / 1982										
03...	1	--	--	--	--	--	--	--	--	--
APR 26...	2	--	--	--	--	--	--	--	--	--
SEP 01...	2	--	--	--	--	--	--	--	--	--

SARASOTA COUNTY

270751082203801 - MAC ARTHUR WELL 3-31 NR SARASOTA, FL (LAT 27 07 51 LONG 082 20 38)

DATE	ARSENIC	BARIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	IRON SUS-PENDED	IRON DIS-SOLVED	LEAD
JUL / 1982										
07...	--	--	--	--	--	--	--	--	4500	--

270752082154401 - MAC ARTHUR WELL 11-36 NR SARASOTA, FL (LAT 27 07 52 LONG 082 15 44)

DATE	ARSENIC	BARIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	IRON SUS-PENDED	IRON DIS-SOLVED	LEAD
JUL / 1982										
08...	--	--	--	--	--	--	--	--	2800	--

270807082164701 - MAC ARTHUR WELL 11-35 NR SARASOTA, FL (LAT 27 08 07 LONG 082 16 47)

DATE	ARSENIC	BARIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	IRON SUS-PENDED	IRON DIS-SOLVED	LEAD
JUL / 1982										
08...	--	--	--	--	--	--	--	--	100	--

270807082173301 - MAC ARTHUR WELL 7-27 NR SARASOTA, FL (LAT 27 08 07 LONG 082 17 33)

DATE	ARSENIC	BARIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	IRON SUS-PENDED	IRON DIS-SOLVED	LEAD
JUL / 1982										
08...	--	--	--	--	--	--	--	--	6100	--

270832082183801 - MAC ARTHUR WELL 7-28 NR SARASOTA, FL (LAT 27 08 32 LONG 082 18 38)

DATE	ARSENIC	BARIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	IRON SUS-PENDED	IRON DIS-SOLVED	LEAD
JUL / 1982										
07...	--	--	--	--	--	--	--	--	4900	--

270839082152901 - MAC ARTHUR WELL 11-25 NR SARASOTA, FL (LAT 27 08 39 LONG 082 15 29)

DATE	ARSENIC	BARIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	IRON SUS-PENDED	IRON DIS-SOLVED	LEAD
JUL / 1982										
08...	--	--	--	--	--	--	--	--	2000	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TRACE ELEMENTS

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, SUS- PENDED RECOV- ERABLE (UG/L AS FE) (01044)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
SARASOTA COUNTY										
270839082203701 - MAC ARTHUR WELL 3-30 NR SARASOTA, FL (LAT 27 08 39 LONG 082 20 37)										
JUL / 1982 07...	--	--	--	--	--	--	--	--	5400	--
270842082163901 - MAC ARTHUR WELL 11-26 NR SARASOTA, FL (LAT 27 08 42 LONG 082 16 39)										
JUL / 1982 08... 19...	--	--	--	--	--	--	--	--	2100 4300	--
270926082144201 - MAC ARTHUR WELL 14-19 NR SARASOTA, FL (LAT 27 09 26 LONG 082 14 42)										
JUL / 1982 19...	--	--	--	--	--	--	--	--	2900	--
270932082195201 - MAC ARTHUR WELL 2-20 NR SARASOTA, FL (LAT 27 09 32 LONG 082 19 52)										
JUL / 1982 06...	--	--	--	--	--	--	--	--	18000	--
270933082203601 - MAC ARTHUR WELL 2-19 NR SARASOTA, FL (LAT 27 09 33 LONG 082 20 36)										
JUL / 1982 06...	--	--	--	--	--	--	--	--	6900	--
270934082154101 - MAC ARTHUR WELL 10-24 NR SARASOTA, FL (LAT 27 09 34 LONG 082 15 41)										
JUL / 1982 19...	--	--	--	--	--	--	--	--	12000	--
270934082174401 - MAC ARTHUR WELL 5-22 NR SARASOTA, FL (LAT 27 09 34 LONG 082 17 44)										
JUN / 1982 30...	--	--	--	--	--	--	--	--	17	--
270936082183801 - MAC ARTHUR WELL 6-21 NR SARASOTA, FL (LAT 27 09 36 LONG 082 18 38)										
JUN / 1982 30...	--	--	--	--	--	--	--	--	26000	--
271021082151603 - ROMP 19 ES WELL NEAR SARASOTA, FL (LAT 27 10 21 LONG 082 15 16)										
JUN / 1982 14... SEP 29...	6 6	-- --	1 1	-- --	-- --	-- --	2500 2300	0 2300	2500 19	5 5
271021082163901 - MAC ARTHUR WELL 10-14 NR SARASOTA, FL (LAT 27 10 21 LONG 082 16 39)										
JUL / 1982 19...	--	--	--	--	--	--	--	--	890	--
271023082193701 - MAC ARTHUR WELL 2-17 NR SARASOTA, FL (LAT 27 10 23 LONG 082 19 37)										
JUL / 1982 06...	--	--	--	--	--	--	--	--	1300	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TRACE ELEMENTS

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, SUS- PENDEO RECOV- ERABLE (UG/L AS FE) (01044)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
SARASOTA COUNTY										
271024032154101 - MAC ARTHUR WELL 10-13 NR SARASOTA, FL (LAT 27 10 24 LONG 082 15 41)										
JUL , 1982 19...	--	--	--	--	--	--	--	--	11000	--
271025082144401 - MAC ARTHUR WELL 14-18 NR SARASOTA, FL (LAT 27 10 25 LONG 082 14 44)										
JUL , 1982 19...	--	--	--	--	--	--	--	--	20000	--
271026082204001 - MAC ARTHUR WELL 2-18 NR SARASOTA, FL (LAT 27 10 26 LONG 082 20 40)										
JUL , 1982 06...	--	--	--	--	--	--	--	--	1600	--
271028082174101 - MAC ARTHUR WELL 6-15 NR SARASOTA, FL (LAT 27 10 28 LONG 082 17 41)										
JUN , 1982 30...	--	--	--	--	--	--	--	--	4100	--
271035082185001 - MAC ARTHUR WELL 6-16 NR SARASOTA, FL (LAT 27 10 35 LONG 082 18 50)										
JUL , 1982 06...	--	--	--	--	--	--	--	--	1900	--
271116082144401 - MAC ARTHUR WELL 13-7 NR SARASOTA, FL (LAT 27 11 16 LONG 082 14 44)										
JUL , 1982 12...	--	--	--	--	--	--	--	--	5500	--
271117082134701 - MAC ARTHUR WELL 13-8 NR SARASOTA, FL (LAT 27 11 17 LONG 082 13 47)										
JUL , 1982 12...	--	--	--	--	--	--	--	--	6800	--
271121082173501 - MAC ARTHUR WELL 5-10 NR SARASOTA, FL (LAT 27 11 21 LONG 082 17 35)										
JUN , 1982 29...	--	--	--	--	--	--	--	--	8800	--
271127082155701 - MAC ARTHUR WELL 9.-12 NR SARASOTA, FL (LAT 27 11 27 LONG 082 15 57)										
JUN , 1982 30...	--	--	--	--	--	--	--	--	15000	--
271152082123701 - MAC ARTHUR WELL 16-4 NR SARASOTA, FL (LAT 27 11 52 LONG 082 12 37)										
JUL , 1982 12...	--	--	--	--	--	--	--	--	550	--
271205082144501 - MAC ARTHUR WELL 13-6 NR SARASOTA, FL (LAT 27 12 05 LONG 082 14 45)										
JUL , 1982 12...	--	--	--	--	--	--	--	--	5200	--
271208082164201 - MAC ARTHUR WELL 9-2 NR SARASOTA, FL (LAT 27 12 08 LONG 082 16 42)										
JUN , 1982 29...	--	--	--	--	--	--	--	--	3700	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TRACE ELEMENTS

449

DATE	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	MERCURY SUSPENDED RECOVERABLE (UG/L AS HG) (71895)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL RECOVERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)
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SARASOTA COUNTY

271024082154101 - MAC ARTHUR WELL 10-13 NR SARASOTA, FL (LAT 27 10 24 LONG 082 15 41)

JUL , 1982
19... -- -- -- -- -- -- -- -- --

271025082144401 - MAC ARTHUR WELL 14-18 NR SARASOTA, FL (LAT 27 10 25 LONG 082 14 44)

JUL , 1982
19... -- -- -- -- -- -- -- -- --

271026082204001 - MAC ARTHUR WELL 2-18 NR SARASOTA, FL (LAT 27 10 26 LONG 082 20 40)

JUL , 1982
06... -- -- -- -- -- -- -- -- --

271028082174101 - MAC ARTHUR WELL 6-15 NR SARASOTA, FL (LAT 27 10 28 LONG 082 17 41)

JUN , 1982
30... -- -- -- -- -- -- -- -- --

271035082185001 - MAC ARTHUR WELL 6-16 NR SARASOTA, FL (LAT 27 10 35 LONG 082 18 50)

271116082144401 - MAC ARTHUR WELL 13-7 NR SARASOTA, FL (LAT 27 11 16 LONG 082 14 44)

JUL , 1982
12... -- -- -- -- -- -- -- -- --

271117082134701 - MAC ARTHUR WELL 13-8 NR SARASOTA, FL (LAT 27 11 17 LONG 082 13 47)

JUL , 1982
12... -- -- -- -- -- -- -- -- --

271121082173501 - MAC ARTHUR WELL 5-10 NR SARASOTA, FL (LAT 27 11 21 LONG 082 17 35)

JUN , 1982
29... -- -- -- -- -- -- -- -- --

271127082155701 - MAC ARTHUR WELL 9.-12 NR SARASOTA, FL (LAT 27 11 27 LONG 082 15 57)

JUN , 1982
30... -- -- -- -- -- -- -- -- --

271152082123701 - MAC ARTHUR WELL 16-4 NR SARASOTA, FL (LAT 27 11 52 LONG 082 12 37)

JUL , 1982
12... -- -- -- -- -- -- -- -- --

271205082144501 - MAC ARTHUR WELL 13-6 NR SARASOTA, FL (LAT 27 12 05 LONG 082 14 45)

JUL , 1982
12... -- -- -- -- -- -- -- -- --

271208082164201 - MAC ARTHUR WELL 9-2 NR SARASOTA, FL (LAT 27 12 08 LONG 082 16 42)

JUN , 1982
29... -- -- -- -- -- -- -- -- --

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
TRACE ELEMENTS

451

DATE	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	MERCURY SUSPENDED RECOVERABLE (UG/L AS HG) (71895)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL RECOVERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)
------	------------------------------------------------------------------	--------------------------------------------------------	---------------------------------------------------------------	-------------------------------------------------------------------	-----------------------------------------------------	---------------------------------------------------------------	-----------------------------------------------------------------	---------------------------------------------------------------	-------------------------------------------------------------

SARASOTA COUNTY

271212082173501 - MAC ARTHUR WELL 5-3 NR SARASOTA, FL (LAT 27 12 12 LONG 082 17 35)

JUN , 1982
29... -- -- -- -- -- -- -- -- --

271301082163801 - MAC ARTHUR WELL 8-35 NR SARASOTA, FL (LAT 27 13 01 LONG 082 16 38)

JUN , 1982
30... -- -- -- -- -- -- -- -- --

271303082173401 - MAC ARTHUR WELL 4-34 NR SARASOTA, FL (LAT 27 13 03 LONG 082 17 34)

JUN , 1982
29... -- -- -- -- -- -- -- -- --

271733082285701 - WEST FLA CHRISTIAN SCHOOL GYM (LAT 27 17 33 LONG 082 28 57)

JUL , 1982
22... -- -- -- -- -- -- -- -- --

272317082302401 - CO LINE TEST WELL 1 NEAR SARASOTA, FL (LAT 27 23 17 LONG 082 30 24)

JUL , 1982
09... -- -- -- -- -- -- -- -- --

GROUND WATER QUALITY RECORDS

Bacteriological and Miscellaneous Data

Data in this section include the following parameters:

Turbidity, (NTU)	Density
Oxygen Demand, chemical	Oxygen Demand, biochemical
Coliform, total immed	Coliform, fecal
Streptococci, fecal	Carbon Dioxide, dissolved
Sulfide, total	Bromide, dissolved
Iodide, dissolved	Solids, residue (at 105°C susp)
Solids, susp total residue (at 110°C)	Solids, residue (at 105°C total)
Solids, volatile total	Solids, nonvolatile susp
Solids, volatile susp	Methylene Blue Active Substance
Oil and Grease, total recov	Naphthalenes, polychlor 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 1981 TO SEPTEMBER 1982
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)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	CARBON DIOXIDE , DIS- SOLVED (MG/L AS CO2) (00405)	SULFIDE TOTAL (MG/L AS S) (00745)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)
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CITRUS COUNTY

290216082292001 - 90222901 16S18E33 CE 77 U S GEOL SURVEY (LAT 29 02 16 LONG 082 29 20)

APR , 1982										
23...	2.3	--	--	--	KO	--	--	--	--	--
SEP										
09...	5.0	--	--	--	K810	--	--	--	--	--

HILLSBOROUGH COUNTY

275629082234001 - PALM RIVER WELL 5 AT TAMPA,FLA (WQ-04) (LAT 27 56 29 LONG 082 23 40)

MAY , 1982										
12...	--	--	--	--	--	--	--	5.9	--	--

275724082221001 - STRUCTURE S-160 WELL NR TAMPA, FL. (WQ-03) (LAT 27 57 24 LONG 082 22 10)

MAY , 1982										
12...	--	--	--	--	--	--	--	3.2	--	--

275856082210301 - USCE TEST WELL 2S-SMC NR TAMPA, FLA (WQ-08) (LAT 27 58 56 LONG 082 21 03)

MAY , 1982										
12...	--	--	--	--	--	--	--	3.7	--	--

280012082204901 - USCE WELL TBC-05 NR TEMP TERR, FL. (WL-05) (LAT 28 00 12 LONG 082 20 49)

MAY , 1982										
10...	--	--	--	--	--	--	--	8.4	--	--

280030082190801 - TAMPA BYPASS DP WELL 610 NR TEMPLE TERRACE,FL. (LAT 28 00 30 LONG 082 19 08)

MAY , 1982										
11...	--	--	--	--	--	--	--	3.0	--	--

280055082222701 - USCE WELL TBC-09 AT TEMP TERR, FL. (WL-09) (LAT 28 00 55 LONG 082 22 27)

MAY , 1982										
10...	--	--	--	--	--	--	--	7.7	--	--

280116082205301 - USCE TEST WELL 2W-ES NR TEMP TERR, FL. (WQ-05) (LAT 28 01 16 LONG 082 20 53)

MAY , 1982										
10...	--	--	--	--	--	--	--	5.8	--	--

280230082205601 - USCE WELL TBC-02 NR TEMP TERR, FL. (WL-02) (LAT 28 02 30 LONG 082 20 56)

MAY , 1982										
10...	--	--	--	--	--	--	--	11	--	--

280243082203701 - USCE WELL TBC-01 NR TEMP TERR, FL. (WL-01) (LAT 28 02 43 LONG 082 20 37)

MAY , 1982										
10...	--	--	--	--	--	--	--	6.4	--	--

280352082210201 - GATES TRAILER PARK WELL (WQ-06) (LAT 28 03 52 LONG 082 21 02)

MAY , 1982										
11...	--	--	--	--	--	--	--	6.6	--	--

280543082330001 - DUERR DP WELL NR CITRUS PARK, FL (LAT 28 05 43 LONG 082 33 00)

FEB , 1982										
03...	--	--	--	--	<1	<1	<1	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
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)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	CARBON DIOXIDE DIS- SOLVED (MG/L AS CO2) (00405)	SULFIDE TOTAL (MG/L AS S) (00745)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)
PINELLAS COUNTY										
274929082443503 - SOUTH CROSS BAYOU WELL A3 AT ST PETERSBURG FL (LAT 27 49 29 LONG 082 44 35)										
NOV / 1981										
16...	--	1.023	--	--	--	--	--	--	--	--
FEB / 1982										
18...	--	1.023	--	--	--	--	--	--	--	--
MAY										
26...	--	1.023	--	--	--	--	--	--	--	--
AUG										
10...	--	1.023	--	--	--	--	--	--	--	--
274929082443504 - SOUTH CROSS BAYOU WELL A4 AT ST PETERSBURG FL (LAT 27 49 29 LONG 082 44 35)										
NOV / 1981										
16...	--	.999	--	--	--	--	--	--	--	--
FEB / 1982										
18...	--	.999	--	--	--	--	--	--	--	--
MAY										
26...	--	.999	--	--	--	--	--	--	--	--
AUG										
10...	--	.000	--	--	--	--	--	--	--	--
275217082404901 - PINELLAS CO. LF 30 (LAT 27 52 17 LONG 082 40 49)										
DEC / 1981										
08...	--	--	31	--	--	--	--	--	--	--
JUL / 1982										
08...	--	--	5	--	--	--	--	--	--	--
AUG										
16...	--	--	11	--	--	--	--	--	--	--
275217082412501 - PINELLAS CO. LF 15 (LAT 27 52 17 LONG 082 41 25)										
FEB / 1982										
09...	--	--	64	--	--	--	--	--	--	--
MAY										
04...	--	--	91	--	--	--	--	--	--	--
AUG										
17...	--	--	69	--	--	--	--	--	--	--
275222082401901 - PINCOLF 34A (LAT 27 52 21 LONG 082 40 19)										
MAY / 1982										
13...	--	--	48	--	--	--	--	--	--	--
275222082401902 - PINCOLF 34B (LAT 27 52 21 LONG 082 40 19)										
MAY / 1982										
13...	--	--	57	--	--	--	--	--	--	--
275222082504601 - MCKAY CREEK WELL S3 AT INDIAN ROCKS BEACH FL (LAT 27 52 22 LONG 082 50 46)										
NOV / 1981										
17...	--	.999	--	--	--	--	--	--	--	--
FEB / 1982										
19...	--	.999	--	--	--	--	--	--	--	--
MAY										
27...	--	.999	--	--	--	--	--	--	--	--
AUG										
11...	--	.999	--	--	--	--	--	--	--	--
275226082402003 - PINCOLF O 3 E NR PINELLAS PARK (LAT 27 52 26 LONG 082 40 20)										
DEC / 1981										
08...	--	--	78	--	--	--	--	--	--	--
JUL / 1982										
01...	--	--	50	--	--	--	--	--	--	--
275227082402003 - PINCOLF C 3 NPND NR PINELLAS PARK (LAT 27 52 27 LONG 082 40 20)										
DEC / 1981										
08...	--	--	36	--	--	--	--	--	--	--
JUL / 1982										
01...	--	--	77	--	--	--	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
BACTERIOLOGICAL AND MISCELLANEOUS DATA

DATE	TUR- BIO- 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)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	CARBON DIOXIDE DIS- SOLVED (MG/L AS CO2) (00405)	SULFIDE TOTAL (MG/L AS S) (00745)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)
PINELLAS COUNTY										
275241082503901 - MCKAY CREEK WELL C1 AT INDIAN ROCKS BEACH FL (LAT 27 52 41 LONG 082 50 39)										
NOV / 1981										
17...	--	.999	--	--	--	--	--	--	--	--
FEB / 1982										
19...	--	.999	--	--	--	--	--	--	--	--
MAY										
26...	--	.999	--	--	--	--	--	--	--	--
AUG										
11...	--	.999	--	--	--	--	--	--	--	--
275242082503901 - MCKAY CREEK WELLD1 AT INDIAN ROCKS BEACH , FL (LAT 27 52 42 LONG 082 50 39)										
NOV / 1981										
18...	--	1.021	--	--	--	--	--	--	--	--
FEB / 1982										
19...	--	1.021	--	--	--	--	--	--	--	--
MAY										
29...	--	1.021	--	--	--	--	--	--	--	--
AUG										
11...	--	1.022	--	--	--	--	--	--	--	--
275242082503902 - MCKAY CREEK WELLD0 AT INDIAN ROCKS BEACH , FL (LAT 27 52 42 LONG 082 50 39)										
NOV / 1981										
17...	--	1.001	--	--	--	--	--	--	--	--
FEB / 1982										
19...	--	1.001	--	--	--	--	--	--	--	--
MAY										
27...	--	1.001	--	--	--	--	--	--	--	--
AUG										
11...	--	1.001	--	--	--	--	--	--	--	--
275245082501301 - MCKAY CREEK WELL S9 AT INDIAN ROCKS BEACH FL (LAT 27 52 45 LONG 082 50 13)										
NOV / 1981										
18...	--	.999	--	--	--	--	--	--	--	--
FEB / 1982										
17...	--	.999	--	--	--	--	--	--	--	--
MAY										
27...	--	.999	--	--	--	--	--	--	--	--
AUG										
11...	--	.999	--	--	--	--	--	--	--	--
280601082455301 - PINCO NWSTP 1020 BPND (LAT 28 06 01 LONG 082 45 53)										
FEB / 1982										
03...	--	--	30	--	--	--	--	--	--	--
APR										
26...	--	--	20	--	<1	<1	<1	--	--	--
SEP										
01...	--	--	3	.6	<1	<1	<1	--	--	--
280601082460301 - 810 BPND (LAT 28 06 01 LONG 082 46 03)										
FEB / 1982										
03...	--	--	32	--	--	--	--	--	--	--
APR										
26...	--	--	20	--	<1	<1	<1	--	--	--
SEP										
01...	--	--	32	.4	<1	<1	<1	--	--	--
280614082462301 - PINCO NWSTP 604 HILS (LAT 28 06 14 LONG 082 46 23)										
FEB / 1982										
03...	--	--	30	--	--	--	--	--	--	--
APR										
26...	--	--	20	--	<1	<1	<1	--	--	--
SEP										
01...	--	--	11	.6	<1	<1	<1	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
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)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	CARBON DIOXIDE DIS- SOLVED (MG/L AS CO2) (00405)	SULFIDE TOTAL (MG/L AS S) (00745)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)
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PINELLAS COUNTY

280618082454001 - PINCO NWSTP 31 (LAT 28 06 18 LONG 082 45 40)

APR / 1982										
27...	--	--	41	--	K3	<1	<1	--	--	--
SEP										
02...	--	--	4	.2	K1	<1	K3	--	--	--

280623082460501 - INNISBROOK 10 NEAR TARPON SPRINGS, FL (LAT 28 06 23 LONG 082 46 05)

APR / 1982										
27...	--	--	57	--	73	K3	K14	--	--	--
SEP										
02...	--	--	58	1.7	130	K10	K10	--	--	--

280625082453804 - INNISBROOK 16 NEAR TARPON SPRINGS, FL (LAT 28 06 25 LONG 082 45 38)

APR / 1982										
28...	--	--	30	--	K1	K250	K700	--	--	--
SEP										
02...	--	--	46	1.0	K40	<10	K10	--	--	--

280629082454204 - INNISBROOK 20D NEAR TARPON SPRINGS, FL (LAT 28 06 29 LONG 082 45 42)

APR / 1982										
27...	--	--	37	--	K5	<1	<1	--	--	--
SEP										
02...	--	--	27	.4	K120	<1	K2	--	--	--

280629082454205 - INNISBROOK 20E NEAR TARPON SPRINGS, FL (LAT 28 06 29 LONG 082 45 42)

APR / 1982										
27...	--	--	20	--	K1	<1	<1	--	--	--
SEP										
02...	--	--	19	.2	K18	<1	<1	--	--	--

280631082454504 - INNISBROOK 11 NEAR TARPON SPRINGS, FL (LAT 28 06 31 LONG 082 45 45)

APR / 1982										
27...	--	--	51	--	K30	<1	<1	--	--	--
SEP										
03...	--	--	89	1.5	K4	<1	<1	--	--	--

280634082453405 - 27S15E25 INNISBROOK 144 (LAT 28 06 34 LONG 082 45 34)

FEB / 1982										
03...	--	--	41	--	--	--	--	--	--	--
APR										
28...	--	--	27	--	<1	K78	<1	--	--	--
SEP										
03...	--	--	18	.0	50	49	<1	--	--	--

280637082461201 - PINCO NWSTP 3915 DESOTO (LAT 28 06 37 LONG 082 46 12)

FEB / 1982										
03...	--	--	30	--	--	--	--	--	--	--
APR										
26...	--	--	20	--	<1	<1	<1	--	--	--
SEP										
01...	--	--	10	.4	<1	<1	<1	--	--	--

280647082461401 - PINCO NWST 811 HARRY (LAT 28 06 47 LONG 082 46 14)

FEB / 1982										
03...	--	--	30	--	--	--	--	--	--	--
APR										
26...	--	--	20	--	<1	<1	<1	--	--	--
SEP										
01...	--	--	6	.2	<1	<1	<1	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1981 TO SEPTEMBER 1982
BACTERIOLOGICAL AND MISCELLANEOUS DATA

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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- ICAL, 5 DAY (MG/L) (00310)	COLI- FORM, TOTAL, (COLS. PER 100 ML) (31501)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	CARBON DIOXIDE SOLVED (MG/L AS CO2) (00405)	SULFIDE TOTAL (MG/L AS S) (00745)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)
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POLK COUNTY

275408081595702 - KAISER ANNULUS MONITOR A DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57)

DEC / 1981										
03...	--	1.004	--	--	--	--	--	4.3	--	--
MAR / 1982										
30...	--	1.004	--	--	--	--	--	2.0	--	--
JUN										
30...	--	1.004	--	--	--	--	--	1.6	--	--

275408081595703 - KAISER ANNULUS MONITOR B DEEP WELL NR MULBERRY (LAT 27 54 08 LONG 081 59 57)

DEC / 1981										
03...	--	1.001	--	--	--	--	--	5.7	--	--
MAR / 1982										
30...	--	1.000	--	--	--	--	--	4.5	--	--
JUN										
30...	--	1.001	--	--	--	--	--	--	--	--

275430082000401 - KAISER SATELLITE MON NO. 1 NR MULBERRY (LAT 27 54 30 LONG 082 00 04)

DEC / 1981										
03...	--	1.080	--	--	--	--	--	2480	--	--

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

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

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

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Geological Survey
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