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Information Circular No. 85

**WATER LEVELS IN ARTESIAN AND NONARTESIAN
AQUIFERS OF FLORIDA, 1971 - 72**

By
Henry G. Healy

Prepared by the
U. S. GEOLOGICAL SURVEY
in cooperation with the
BUREAU OF GEOLOGY
FLORIDA DEPARTMENT OF NATURAL RESOURCES
and
OTHER STATE AND LOCAL AGENCIES

Tallahassee, Florida
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LETTER OF TRANSMITTAL



Bureau of Geology
Tallahassee
December 4, 1973

Honorable Reubin O'D. Askew, *Chairman*
Department of Natural Resources
Tallahassee, Florida

Dear Governor Askew:

The Department of Natural Resources, Bureau of Geology, is publishing as its Information Circular No. 85 the report entitled, "Water Levels in Artesian and Non-Artesian Aquifers of Florida, 1971-72," by Henry G. Healy, of the U. S. Geological Survey.

In order to prevent future shortages developing from increasing demands, the present supplies of ground water must be properly appraised before they can be effectively utilized. Records of trends and fluctuations of ground water have long formed a basis for such an appraisal.

Respectfully yours,

Charles W. Hendry, Jr., *Chief*
Bureau of Geology

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WATER LEVELS IN ARTESIAN AND NONARTESIAN AQUIFERS OF FLORIDA, 1971 - 72.

Henry G. Healy

INTRODUCTION

This report summarizes the trends and fluctuations of ground-water levels in wells tapping the principal aquifers in Florida during 1971-72 and includes the following: (1) hydrographs of wells in the several aquifers; (2) maps showing changes in ground-water levels during specific periods; and (3) a table summarizing the principal data on selected observation wells.

The "Index to Water Resources Data Collection Stations in Florida, 1961," Florida Geological Survey Special Publication No. 11, lists the observation wells for which records are available. Prepared by the U.S. Geological Survey in cooperation with the Florida Geological Survey, (now the Bureau of Geology, Florida Department of Natural Resources), the index includes the location, name of aquifer, and type and period of records available for 3,656 observation wells.

Since World War II, and particularly during the last decade, the demand for fresh water for industrial, municipal, and agricultural uses in Florida has increased yearly. Although ground-water supplies have been adequate for the increased demand in most areas, water levels have declined appreciably in some. Because demand for ground water continues to increase, shortages will occur and may become critical in some areas. In coastal areas, declining water levels may allow salt water to encroach and shortages could result from deterioration in quality as well as from the reduction of quantity of water available. To prevent future shortages developing from increasing demands, the present supplies of ground water must be properly appraised before they can be effectively utilized. Records of trends and fluctuations of ground-water have long formed a basis for such an appraisal.

The principal objective of the investigations of the Water Resources Division of the U.S. Geological Survey is to appraise and to evaluate the Nation's water resources. Although many types of ground-water investigations are carried out on a statewide basis throughout the Nation, the collection and compilation of hydrologic data constitute an important part of the water-resource studies.

Objectives of the hydrologic data-collection program in Florida include: the evaluation of available ground-water supplies; the prediction of trends of water levels; and the delineation of present or potential areas of detrimentally

high or low ground-water levels. Water levels are used to determine the base flow of streams, to portray the effects of natural and man-induced forces that act on a water-bearing formation and to furnish information for use in basic research. The hydrologic data program provides the foundation information necessary for the successful and meaningful accomplishment of water-resource investigations.

The hydrologic data-collection program of the U.S. Geological Survey is part of the cooperative investigations of the water resources of Florida in cooperation with the Bureau of Geology, Florida Department of Natural Resources, and other State and local agencies and municipalities. The observation-well network in 1972 included about 1,100 wells in the 67 counties of the State. Figure 1 shows the locations of selected observation wells in the statewide network. Table 1 (appendix) lists data on 677 observation wells selected from the statewide network of wells.

The hydrologic-data program consists of the collection, tabulation, interpretation, evaluation, and publication of water-level and related data. Water levels for selected wells are published, at present (1972) once every 5 years in the U.S. Geological Survey Water-Supply Papers.

Information pertinent to ground water is also published in interpretative reports of investigations published by the Florida Bureau of Geology and the U.S. Geological Survey. Data collected during an investigation and prior to publication are available from the District Chief, U.S. Geological Survey, 325 John Knox Road, Tallahassee, Florida 32303.

The water-level data used in this report represent measurements taken from automatic water-stage recorder charts, pressure gages, and made manually by tape. Generally, measurements made by tape and automatic stage recorder are shown to the nearest hundredth of a foot, and those made with a pressure gage are shown to the nearest tenth of a foot. Measurements for January, May, and September are used if stage recorder or bimonthly periodic water-level measurements are available; January and May measurements are used if the frequency of measurement is semiannual. May measurements are used if the frequency of measurement is annual.

Table 1 summarizes well data and water-level information for the several aquifers. Well data include the aquifer name, depth of well and casing, the year the record began, and the frequency of water-level measurement. Water-level information includes the highest and lowest May or June measurements of record before 1971, the highest May or June measurements for the biennial period of the report, and the annual water-level change. Generally, highest and lowest levels are highest daily levels if taken from recorder charts. Levels for May

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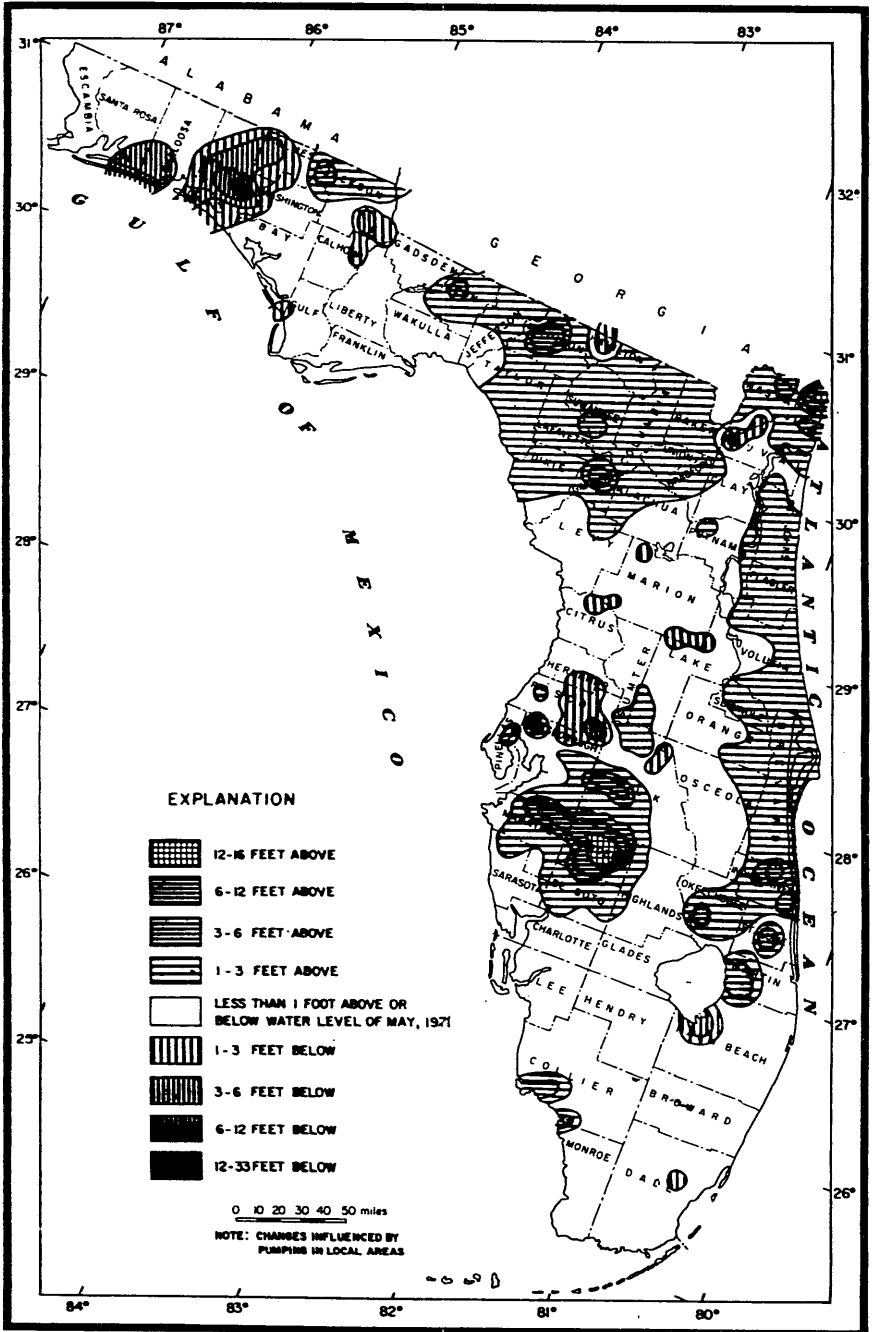


Figure 2. Generalized change of water level in the Floridan Aquifer, May 1971 - May 1972.

or June are used because records are available for these months for most of the wells. Also, during these 2 months, ground-water levels are lowest in most areas and measurements during that period are the most reliable in comparing water-level changes from year to year. The annual change of water levels in the Floridan Aquifer, May 1971 - May 1972, is illustrated on figure 2.

WELL-NUMBERING SYSTEMS

Four well-numbering systems are used in this report: serially by counties, for example Hendry 7, and three grid-coordinate systems of seven, nine, and sixteen digits. Frequently, especially with older wells more than one system of numbers have been assigned. In table 1, for example, well Bay 7 is shown as 7(010-541-1) in addition to having a sixteen digit number. The use of different numbers for each well affords a tie-in with water-level data published previously under the different well numbers.

The grid-coordinate well-numbering systems in Florida are derived from latitude and longitude coordinates.

The seven-digit well number is a composite of three numbers separated by hyphens: the first number is composed of the last digit of the degree and the two digits of the minute that define the latitude on the south side of the 1-minute quadrangle; the second number is composed of the last digit of the degree and two digits of the minutes that define the longitude on the east side of a 1-minute quadrangle; and the third number gives the numerical order in which the well was inventoried in the 1-minute quadrangle. For example, well number 835-105-1 is the first well inventoried in the 1-minute quadrangle north of the $28^{\circ}35'$ parallel of latitude and west of the $81^{\circ}05'$ meridian of longitude.

The first two series of three numbers each of the nine-digit well number denotes latitude and longitude as explained under the seven-digit well number. The third series of numbers in the nine-digit well number gives the location of the well in a 1-minute rectangle which has been divided into quarters, sixteenths and sixty-fourths. The first digit of the series locates the well within the quarter numbered 1, 2, 3, and 4 in southwest and southeast. Similarly, the second digit locates the well within the quarter-quarter tract numbered in a like manner -- 1, 2, 3, and 4. Finally, the third digit of the series gives the quarter-quarter-quarter tract in which the well is located, likewise numbered 1, 2, 3, and 4. The locations of wells with seven-digit and nine-digit numbers are diagrammatically shown in figure 3.

The sixteen-digit well number consists of degrees, minutes, and seconds of latitude and longitude and a sequential number which indicates the number of

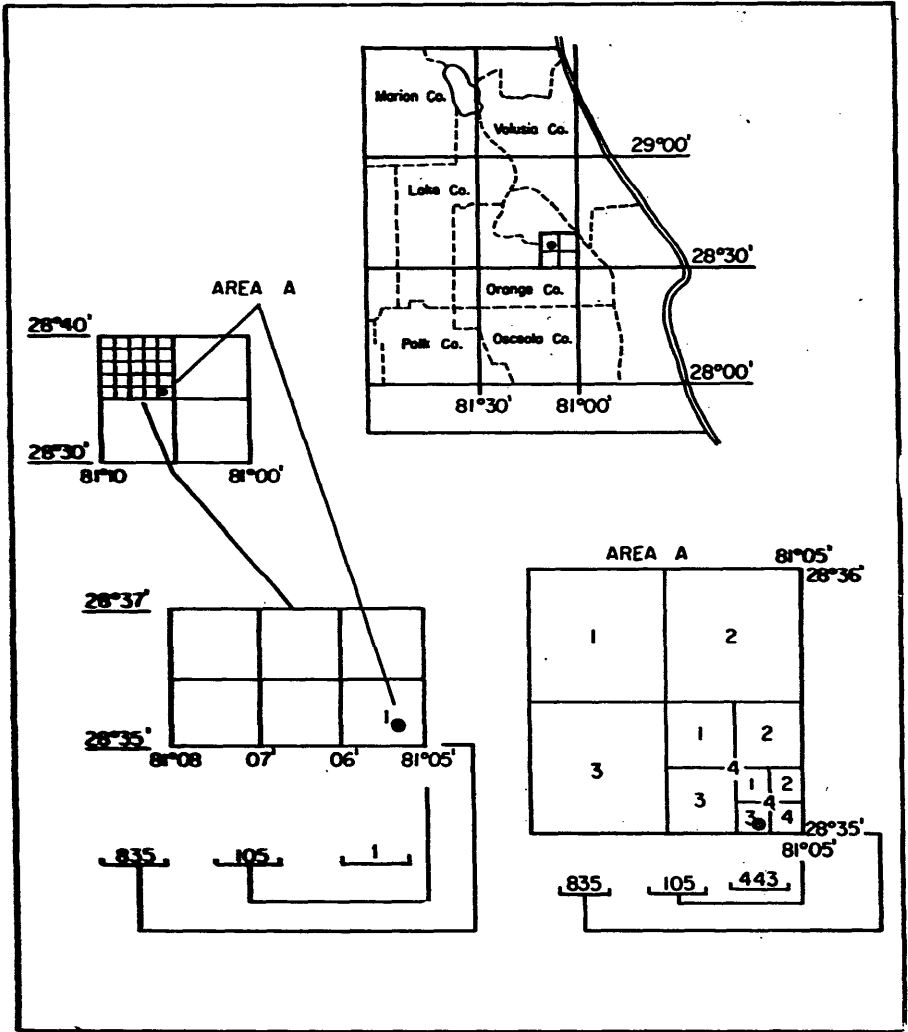


Figure 3. Seven and nine digit well-numbering system.

the well in a 1-second square quadrangle. Figure 4 shows a schematic explanation of the sixteen-digit well numbering system.

Numbers of some wells listed in table 1 have a letter prefix or suffix. In Broward, Dade and Monroe Counties the letter prefixes G, S, F, and NP denote Geological Survey wells, supply wells, fire wells, and National Park Service wells, respectively. In Dade, Escambia, Highlands, Holmes and Leon Counties, the letter suffix A denotes a shallow well near a deeper well having the same number

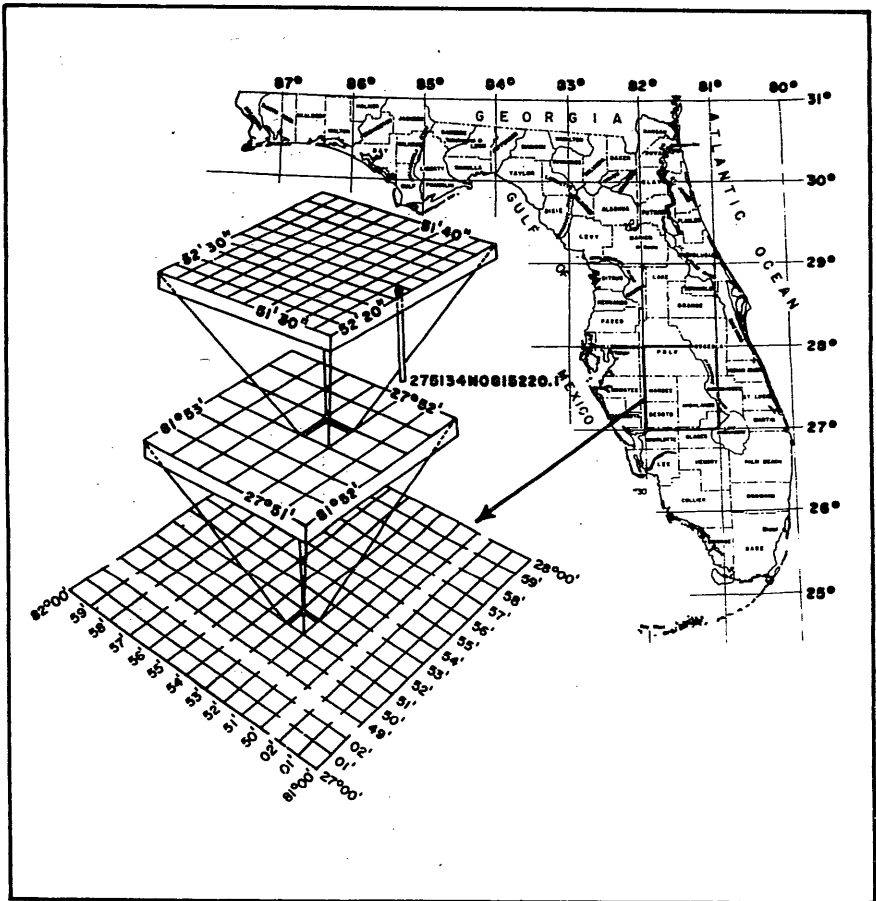


Figure 4. Sixteen digit well-numbering system.

without the letter suffix or a new well drilled at the same location of an abandoned or destroyed well. In Orange County, the letter suffixes B and C denote shallow wells drilled in the vicinity of well 47.

PRINCIPAL AQUIFERS

Ground-water supplies for agricultural, industrial, and municipal uses in Florida are obtained from three principal aquifers: the Floridan Aquifer in central and northern Florida; the Biscayne Aquifer in southeastern Florida; and the sand-and-gravel aquifer in the extreme northwestern part of Florida. The generalized areal extent of the aquifers supplying most of the ground water is shown in figure 1.

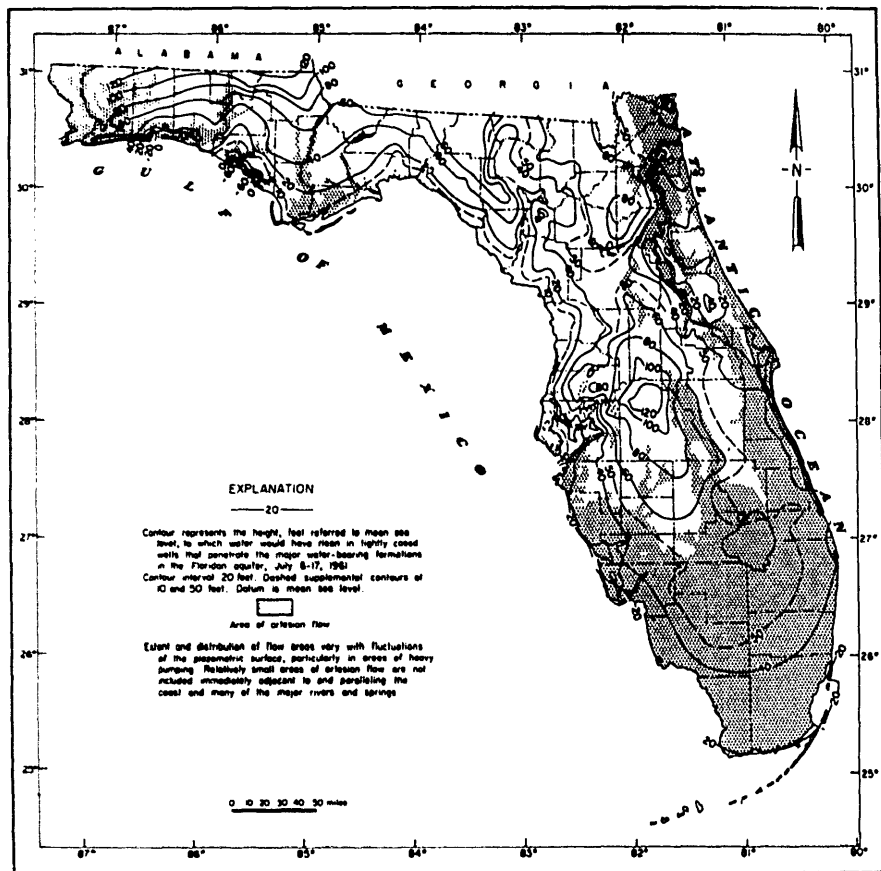


Figure 5. Potentiometric surface and areas of flow of the Floridan Aquifer in Florida, July 6-17, 1961.

The Floridan Aquifer, which underlies all of the State, is the principal source of water in central, northern, and most of northwestern Florida. Highly mineralized water in the Floridan Aquifer precludes the use of that aquifer as a source of potable water in some coastal areas and in most of southern Florida. In these areas, shallow artesian and nonartesian aquifers are the source of supply. Areas of artesian flow and the potentiometric surface of the Floridan Aquifer are illustrated by figure 5.

The Biscayne Aquifer is the chief source of water supply for industries, municipalities, and irrigation in southeastern Florida. This aquifer, one of the most highly productive aquifers in the world, underlies about 3,500 square miles

of Broward, Dade, and Palm Beach Counties. The usefulness of the Biscayne Aquifer is sharply restricted in areas adjacent to the coast because of the presence of saline water in the aquifer.

The sand-and-gravel aquifer is the principal source of water supply in extreme northwestern Florida where it yields large supplies of ground water for industries and municipalities. The aquifer extends beneath all of Escambia and Santa Rosa Counties and part of western Okaloosa County.

This report of ground-water conditions has been divided into four sections as follows: (1) northwestern Florida; (2) northern, northeastern, and north-central Florida; (3) central Florida; and (4) southern and southeastern coastal Florida.

NORTHWESTERN FLORIDA

The northwestern section includes 7,550 square miles and 10 counties in the Florida panhandle extending from the Apalachicola River westward to the Florida - Alabama line. The extent of this section and location of observation wells for which hydrographs are included are shown in figure 6.

The principal sources of ground-water supply in this section are the sand-and-gravel aquifer in Escambia and Santa Rosa Counties and the Floridan Aquifer in Okaloosa County eastward to the Apalachicola River. Minor supplies of ground water are obtained from shallow non-artesian aquifers.

Pensacola, Ft. Walton Beach, and Panama City are growing rapidly in industry and population.

PENSACOLA AREA

The Pensacola area includes Escambia and Santa Rosa Counties, and like many areas in the State, is undergoing rapid economic development accompanied by increasing use of water by industry and municipalities. For example, figure 7 shows that the total 1972 pumpage for Pensacola was about five times that of 1945.

Total yearly municipal pumpage at Pensacola increased from 1,489 mgy (million gallons per year) in 1945 to 7,994 mgy in 1972 (fig. 7).

The observation-well program in the Pensacola area began in 1939 as part of the investigation to determine the adequacy and permanency of ground-water supply in Escambia County. Figure 6 shows locations of observation wells

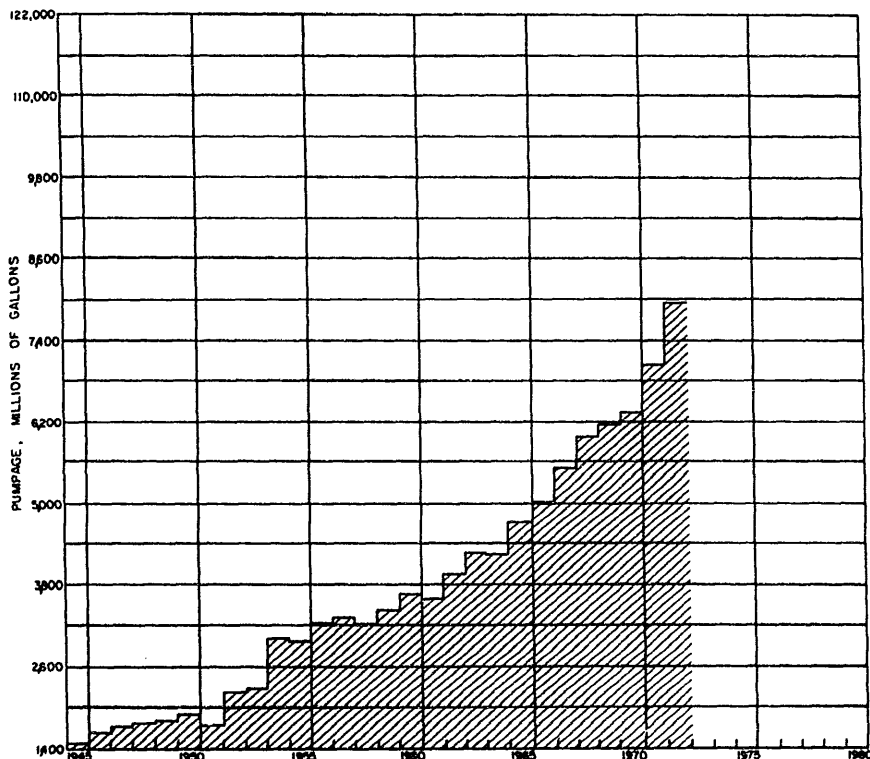


Figure 7. Total yearly pumpage, Pensacola.

selected from the hydrologic-data network for which hydrographs are given in this report, and table 1 presents data on 13 wells in Escambia County and 4 wells in Santa Rosa County. Figure 8 shows fluctuations and long-term trends of artesian water levels in the sand-and-gravel aquifer in the Pensacola area from 1945 through 1972.

Ground-water levels rose in coastal Escambia County (wells Escambia 39, 62, and 62A) and declined in most areas in southern, central and northern parts of the county (Table 1, Appendix). In those areas affected by pumping, 1972 water levels ranged from less than 1 foot to about 3 feet lower than 1972 water levels. The levels in well Escambia 45 near Cantonment declined less than 1 foot below the May 1971 level and the levels in well Escambia 46, near Ensley declined about 3.3 feet below the May 1971 level. The trend of levels for January, May and September during 1971-72 are shown by hydrographs of wells Escambia 45, 46 and 62 (fig. 8).

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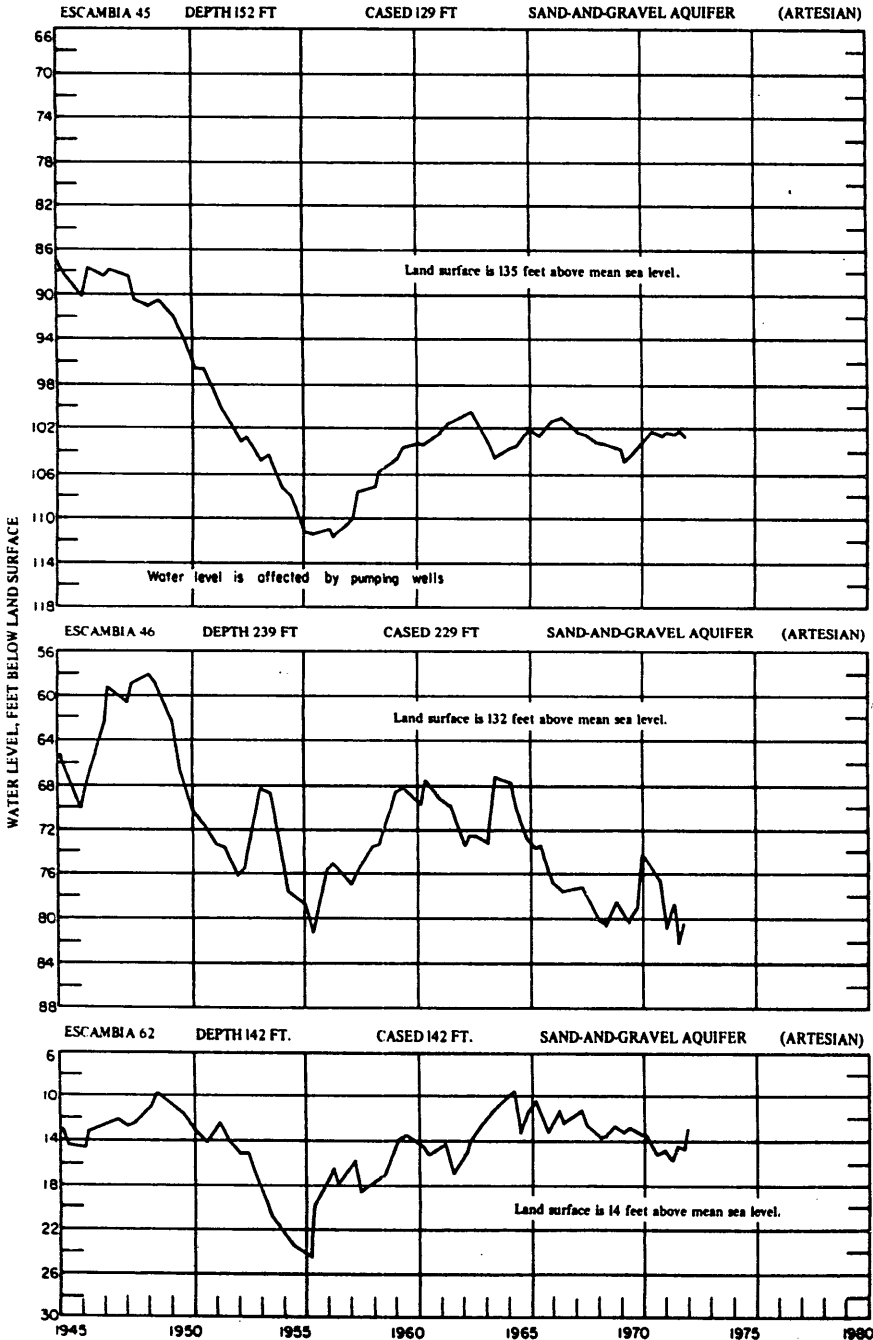


Figure 8. Trends and fluctuations of water levels in wells Escambia 45 at Cantonment, 46 near Ensley, and 62 at Pensacola, Pensacola area.

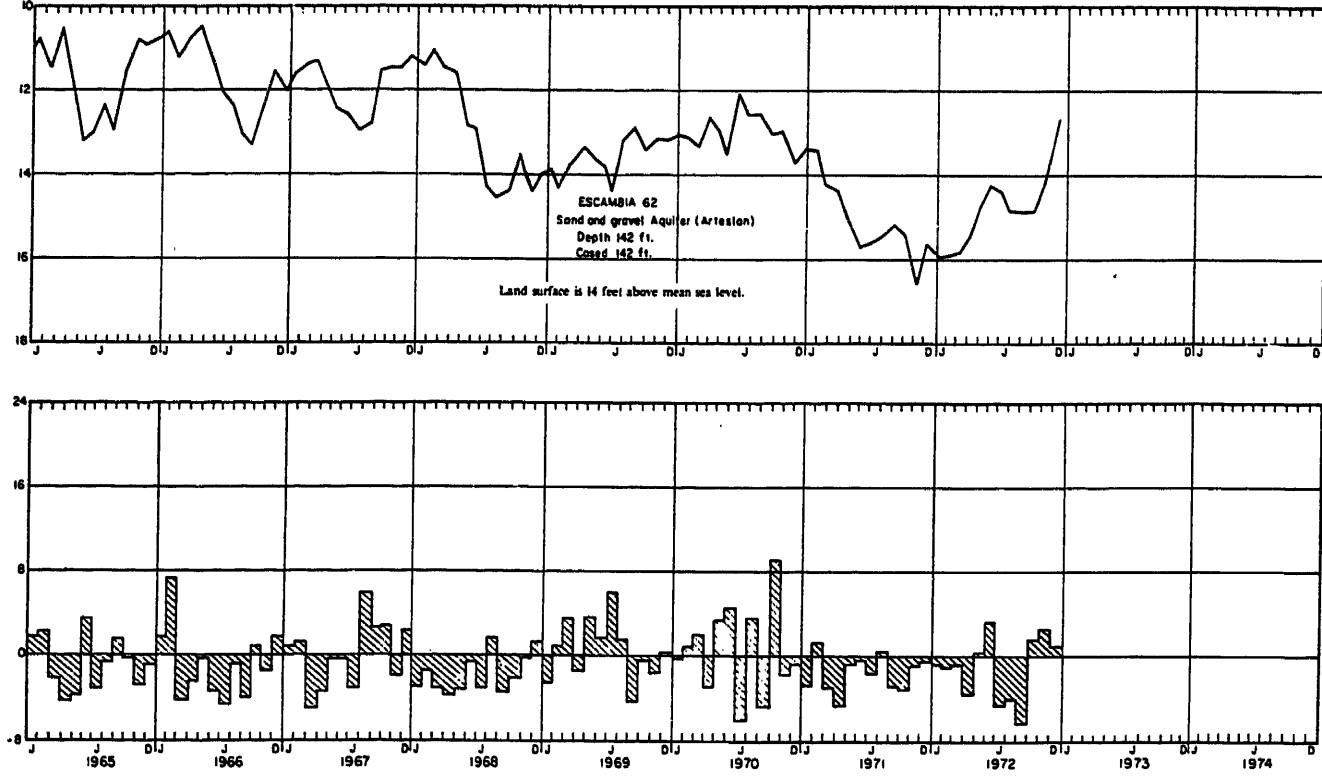


Figure 9. Trends and fluctuations of end-of-month ground water levels in well Escambia 62 and departures from monthly normal precipitation at Pensacola, 1965-72.

Areal changes of ground-water levels in the Pensacola area, Escambia County and in part of the Santa Rosa County for May 1951-70 and May 1970-72 are shown on figures 11 and 12.

In the coastal area, at Pensacola, the 1972 artesian water level in well Escambia 62 was less than 1 foot above that of January 1971. Trends and fluctuations of artesian levels in well Escambia 62 and departures from monthly average rainfall at Pensacola, 1965-72, are shown on figure 9.

FT. WALTON AREA

The Ft. Walton area includes Ft. Walton Beach, Niceville, Valparaiso and the Eglin Air Force Base. The rate of growth of industry in the Ft. Walton Beach area and population growth particularly along the gulf coast at Destin is accelerating. Pumpage from the Floridan Aquifer for all uses, at present (1972),

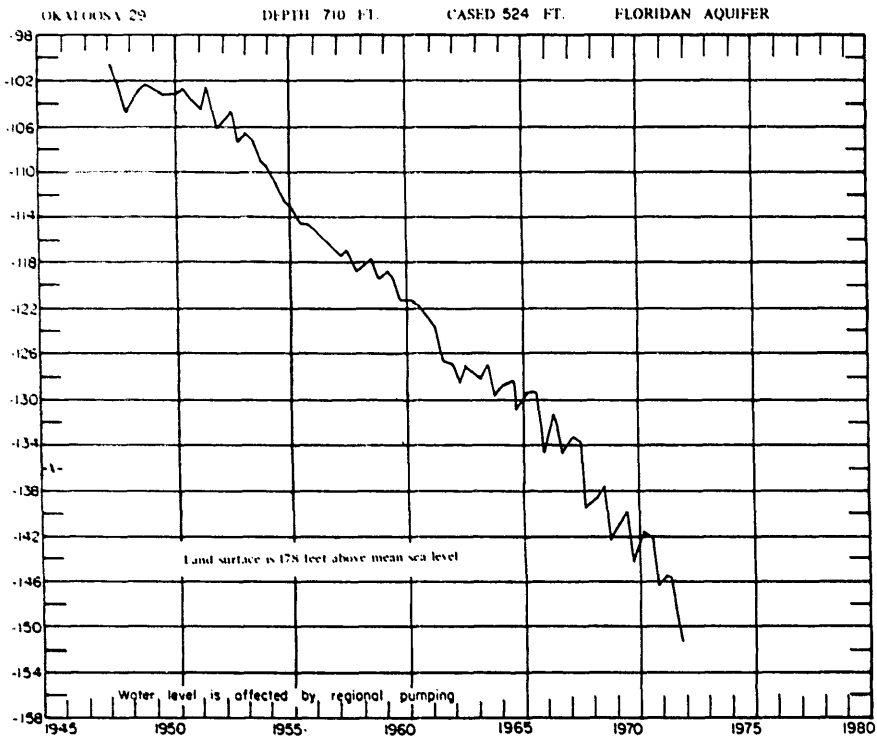


Figure 10. Trends and fluctuations of water levels in well Okaloosa 29 north of Ft. Walton Beach.

is about 8.5 mgd (million gallons per day). As a result of continuing heavy pumping, water levels have declined in about a 640-square-mile area since 1936.

The hydrograph of well Okaloosa 29 north of Fort Walton Beach shows the decline of water levels in the area (fig. 10). From October 1947 to October 1972 the level in well Okaloosa 29 declined 53.43 feet, from 99.8 feet below land surface in 1947 to 153.23 feet below. The areas in the vicinity of Fort Walton Beach where declines of artesian levels have occurred are shown on figures 11 and 12.

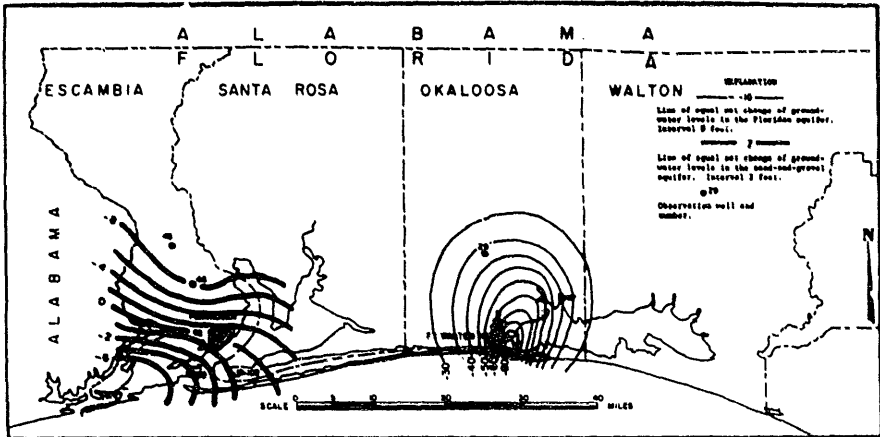


Figure 11. Net change of ground-water levels, Pensacola and Ft. Walton Areas, May 1970 to May 1970.

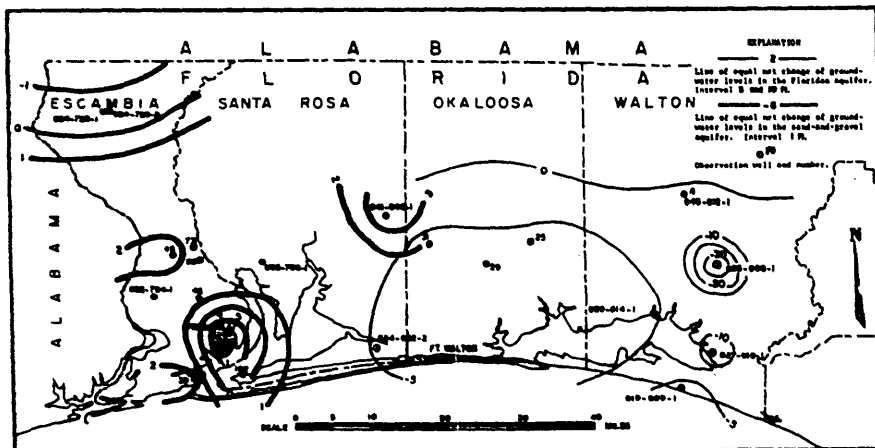


Figure 12. Net change of ground-water levels, Pensacola and Ft. Walton areas, May 1970 to May 1972.

The net change of water level from 1951-70 is shown in figure 11 and that from 1970-72 in figure 12.

PANAMA CITY AREA

The Panama City area includes 250 square miles in Bay County including Tyndall Air Force Base.

The Floridan Aquifer — either indirectly or directly — supplies most of the water for municipal, industrial and military needs in the area. Springs in the Floridan Aquifer supply Deer Point Reservoir, the principal source for municipal, pulp industry, and military uses. The total yearly pumpage from Panama City well fields at St. Andrews and at Millville for 1944 through May 1967 and from reservoir supply from May 1967 through December 1972 is shown on figure 13. Since May 1967, the source of municipal water supply was entirely from Deer Point Reservoir. Since 1945, annual municipal water use by Panama City has increased 118 percent from 836 mgd in 1945 to 1812 mgd in 1972 (fig. 13).

Cessation of pumping of ground water by Panama City and a change in the site of the source of ground-water supply for the pulp industry allowed ground-water levels to rise about 42 feet during 1967-68 in well Bay 7 (fig. 14). Levels have averaged about 24 feet below land surface from 1968-72.

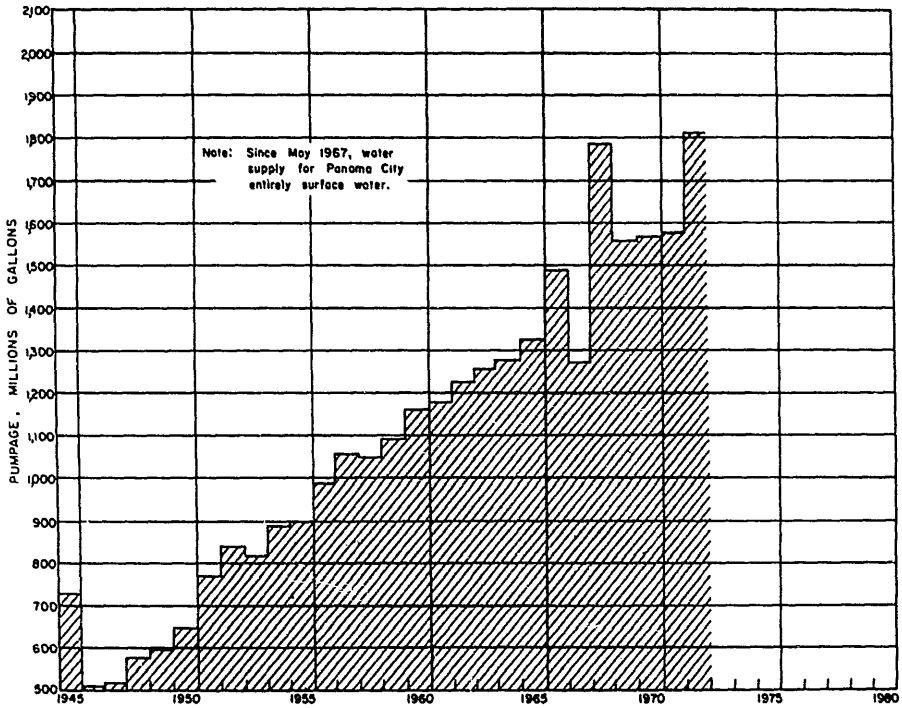


Figure 13. Total yearly pumpage, Panama City.

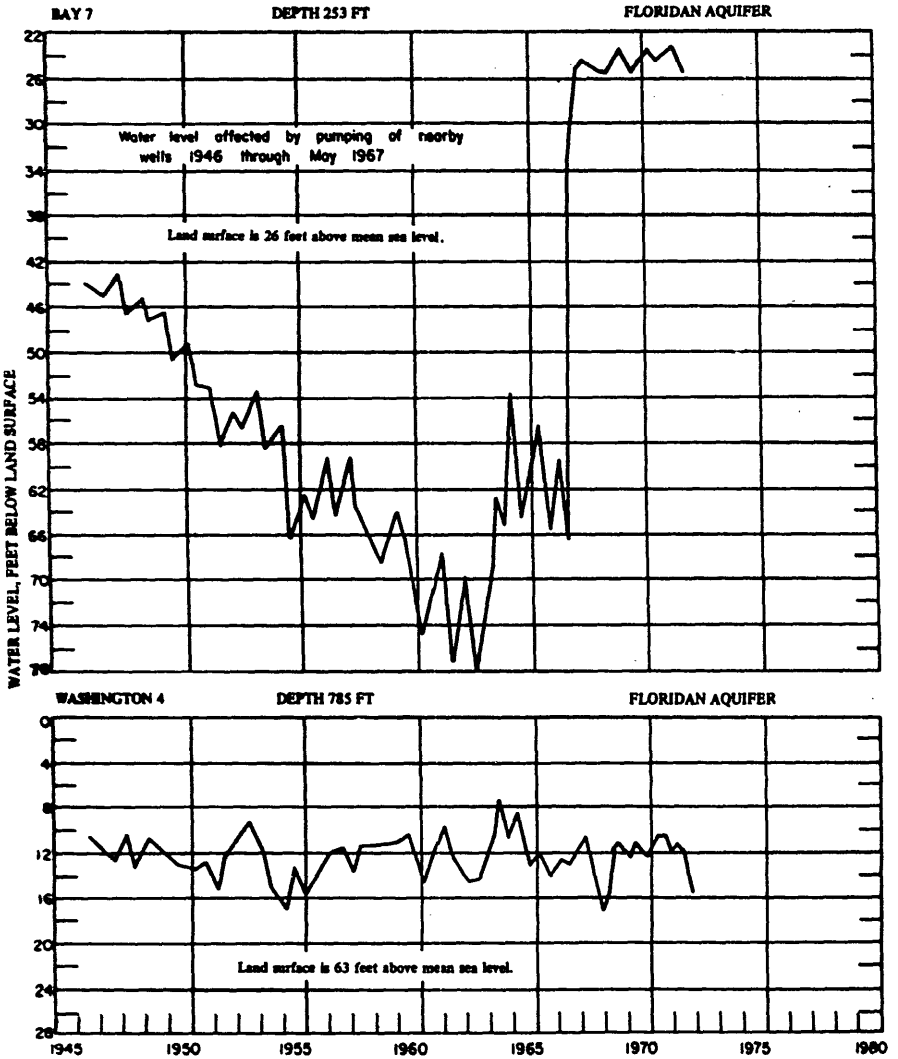


Figure 14. Trends and fluctuations of water levels in wells Bay 7 at Panama City, and Washington 4 at Caryville.

NORTHERN, NORTHEASTERN, AND NORTH-CENTRAL FLORIDA

The northern, northeastern and north-central Florida section extends from the Apalachicola River eastward to the Atlantic Ocean and from the Florida Georgia boundary southward to the latitude of Ocala, and includes 24 counties

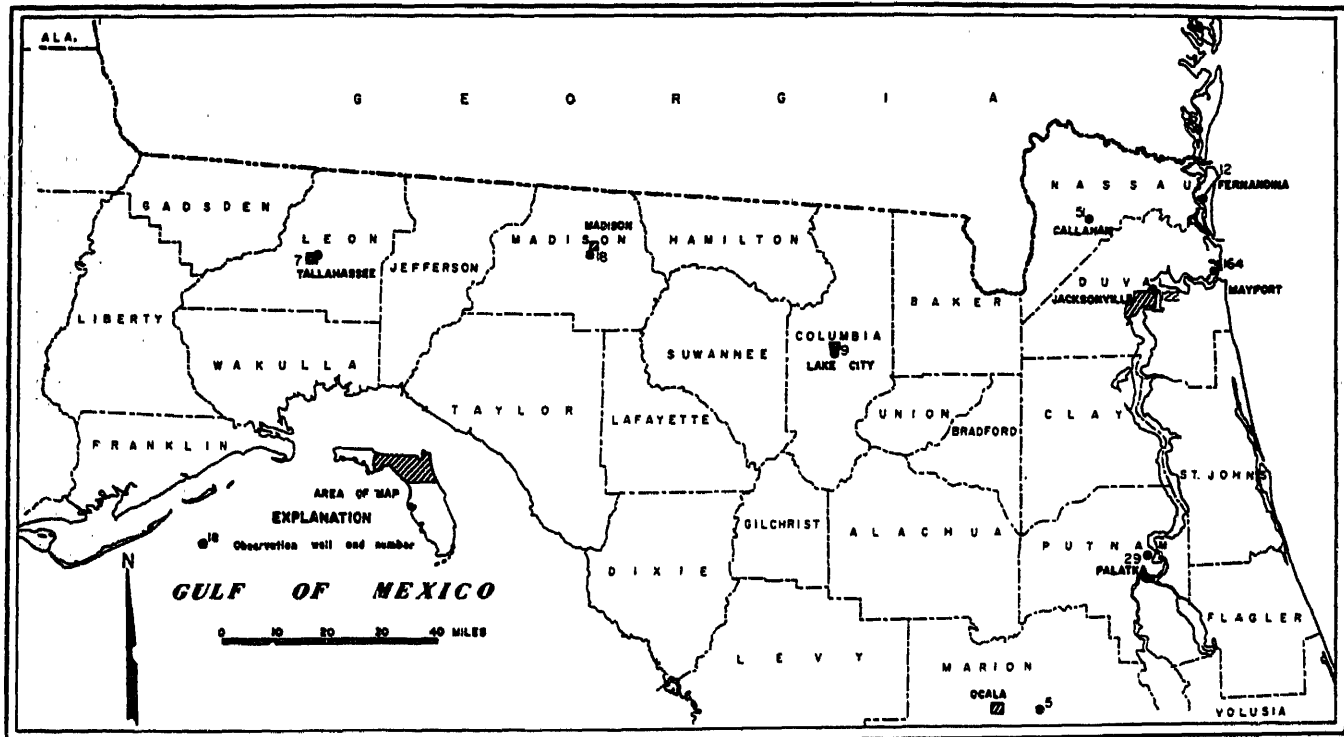


Figure 15. Locations of observation wells in northern and north-central Florida for which hydrographs are given.

and parts of Levy, Marion, and Volusia Counties (fig. 15). This section includes two areas undergoing rapid expansion in population and industry -- the Tallahassee area and the Jacksonville - Fernandina area.

The Floridan Aquifer is the principal source of water supply in the section. In coastal areas in eastern St. Johns, Flagler, and Volusia Counties, the important sources of water are a shallow, nonartesian, sand-and-shell aquifer and a secondary artesian aquifer.

TALLAHASSEE AREA

The Tallahassee area includes central Leon County and the city of Tallahassee. The area is primarily residential with only sparse light industry.

Tallahassee, the principal water user, supplies water for municipal use to the most rapidly growing residential and educational complex in northern Florida. From 1945 through 1972, annual municipal pumpage at Tallahassee increased about 529 percent, from 850 mgy to 5,349 mgy. Figure 16 shows pumpage for the city of Tallahassee during 1945-72.

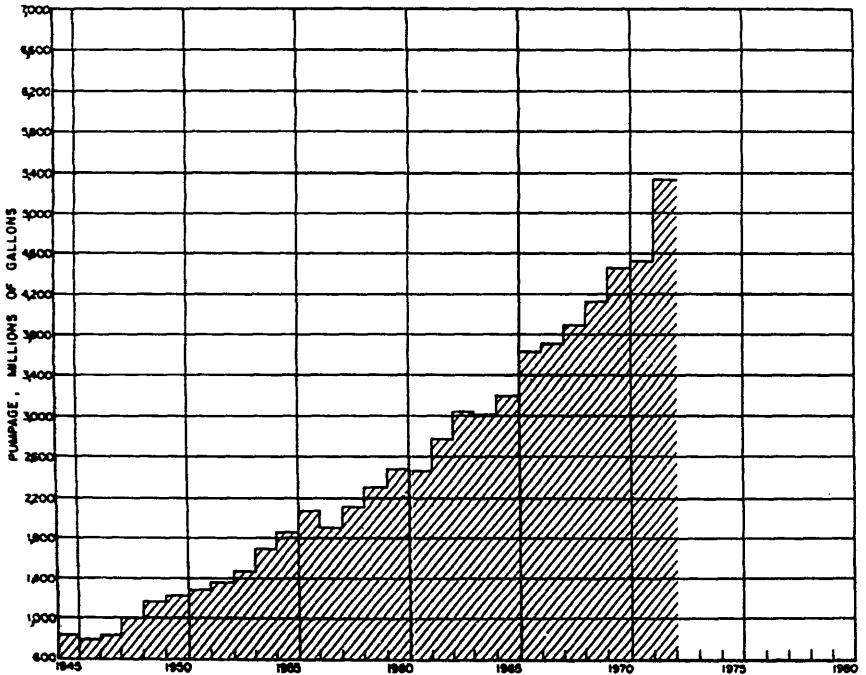


Figure 16. Total yearly pumpage, Tallahassee.

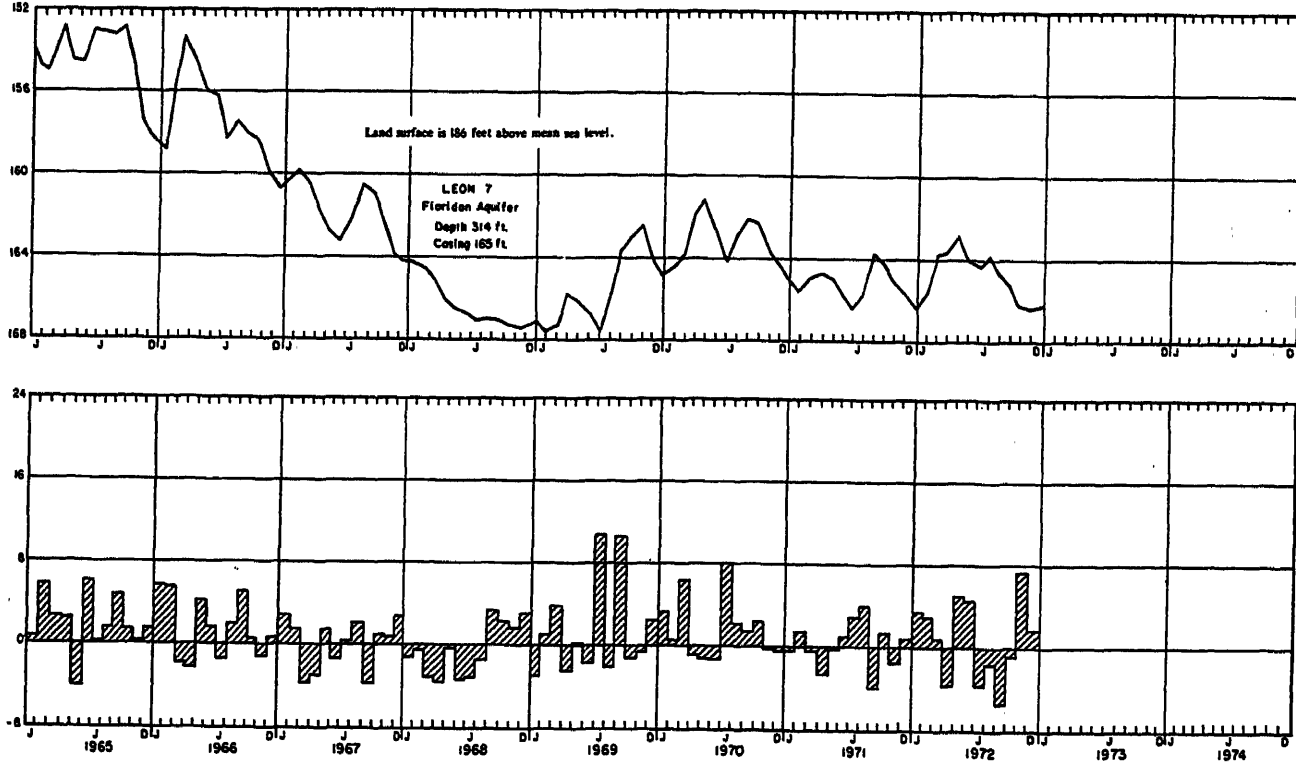


Figure 17. Trends and fluctuations of end-of-month water levels in well Leon 7 at Tallahassee and departures from monthly normal precipitation at Tallahassee, 1965 - 1972.

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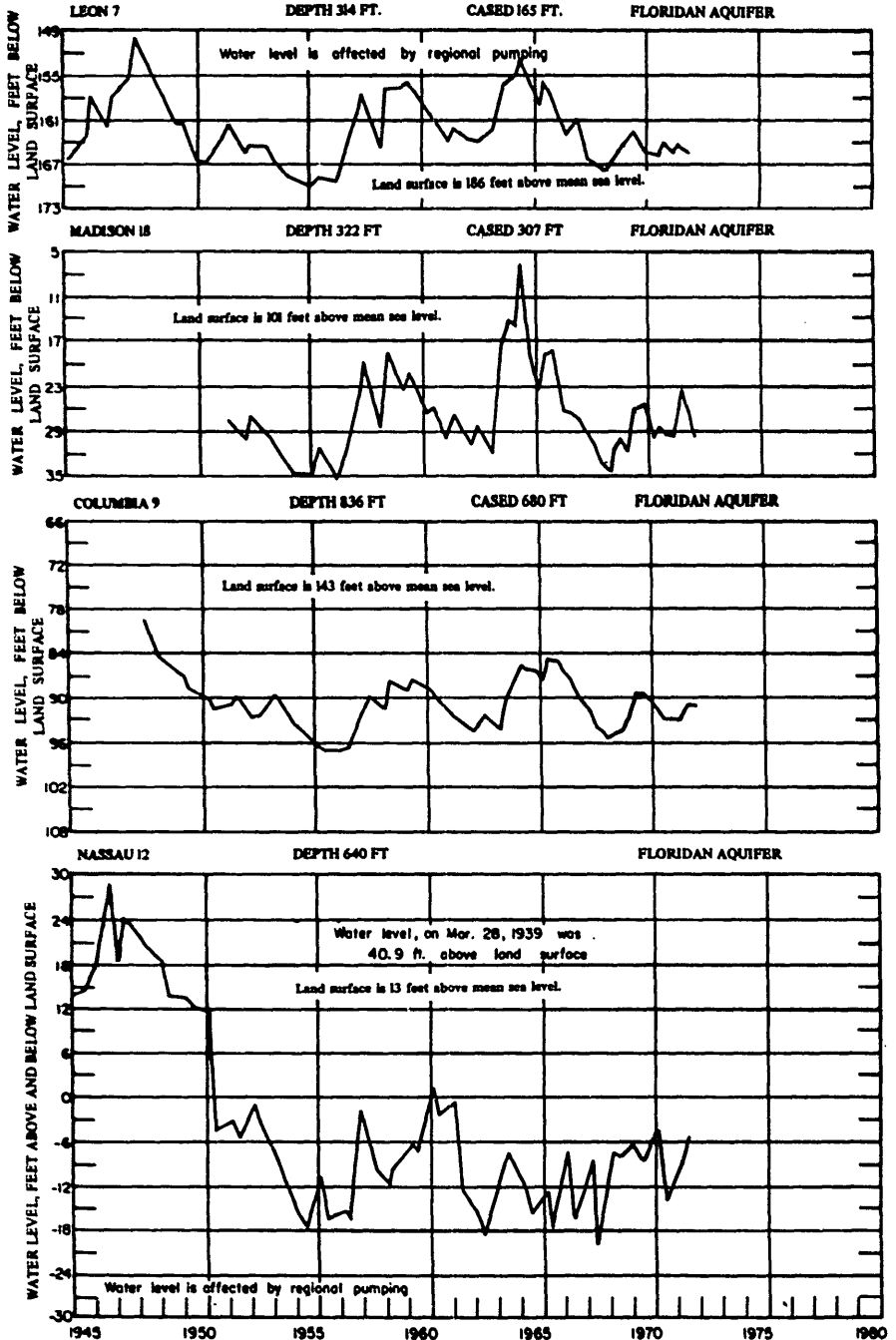


Figure 18. Trends and fluctuations of water levels in wells Leon 7 at Tallahassee, Madison 18 near Madison, Columbia 9 at Lake City, and Nassau 12 near Fernandina.

Water-level fluctuations in the Floridan Aquifer at Tallahassee are shown by the hydrographs of well Leon 7 in figures 17 and 18.

Levels declined slightly from the end of 1970 to the end of 1971 (fig. 17) and remained at nearly the same elevation at the end of 1971 and 1972. Figure 18, the long-term record for well Leon 7 shows no discernable downward trend for the period of record, 1945-72.

The short-term trends correspond closely to the areal rainfall pattern: levels declined to the lowest of record during the 1954-56 drought. From June 1969 to April 1970, levels rose nearly 6 feet, then generally declined during the rest of 1970. At the end of 1970 the level in well Leon 7 was about 5.5 feet above that of the end of 1955.

Trends and fluctuations of ground-water levels in Madison and Columbia Counties are shown on Figure 18. The water level in well Madison 18 fluctuated about 2.1 feet during 1971 and about 6.6 feet during 1972. The end-of-year 1972 water level was less than 1 foot above the 1971 level. The water level in well Columbia 9 fluctuated about 2.5 feet during 1971 and 1972. At the end of 1972, levels in both wells were about 0.5 foot above 1971 levels.

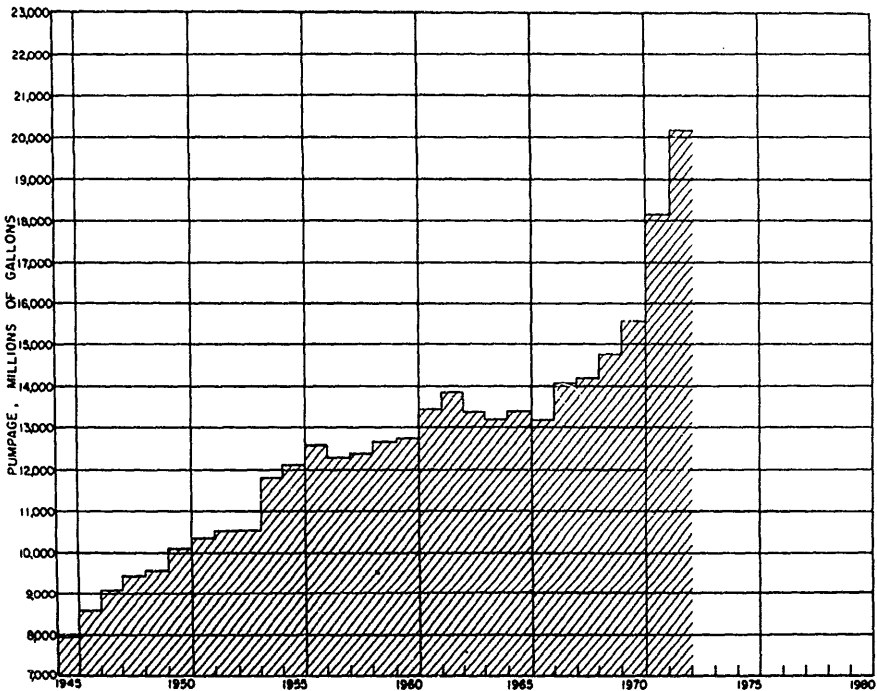


Figure 19. Total yearly pumpage, Jacksonville.

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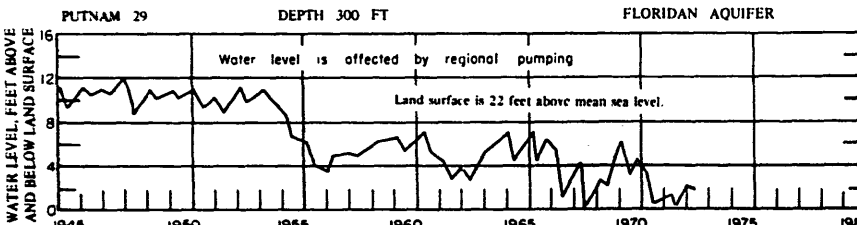
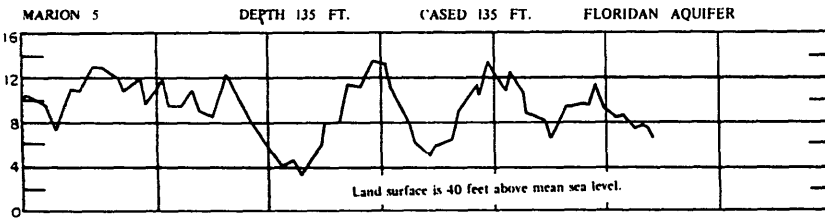
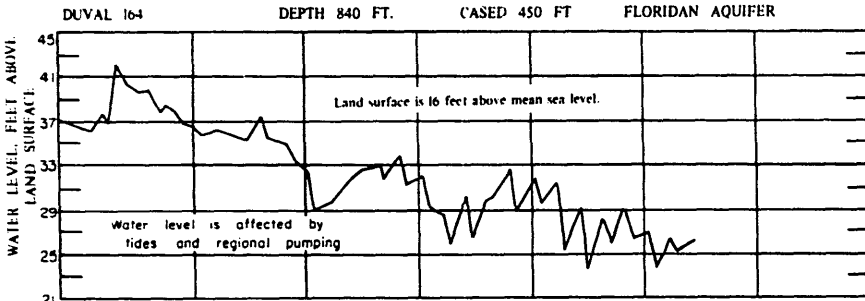
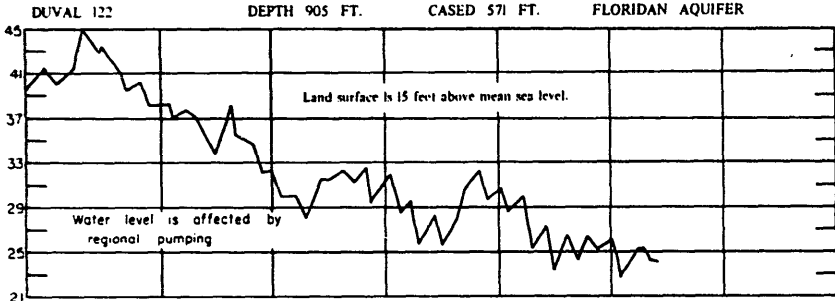
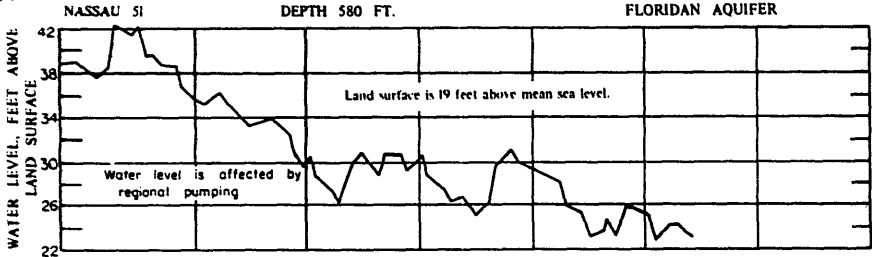
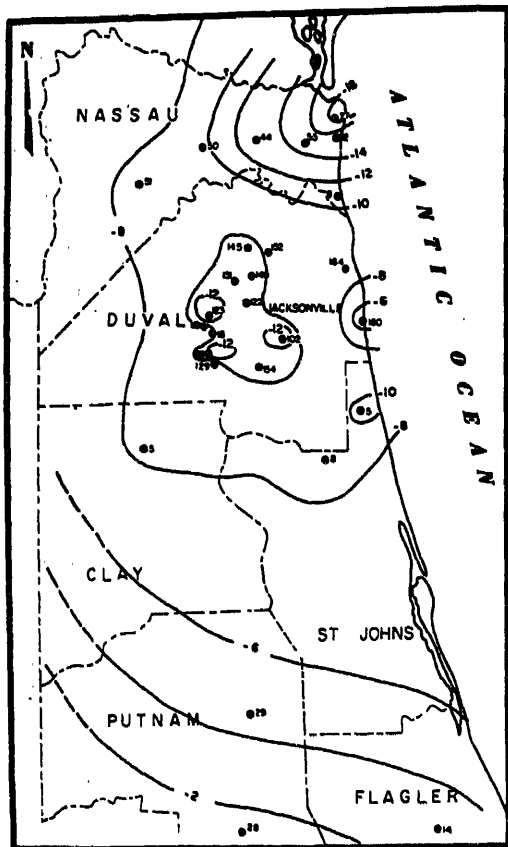
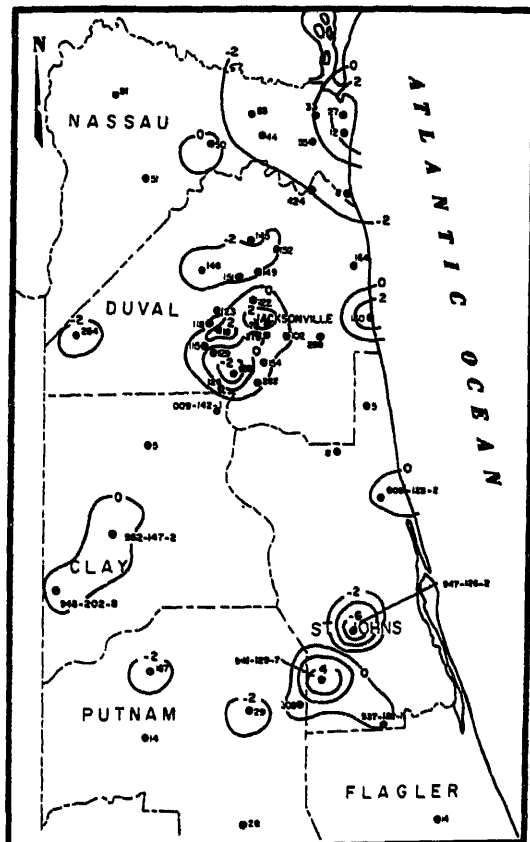


Figure 20. Trends and fluctuations of water levels in wells Nassau 51 at Callahan, Duval 122 at Jacksonville, Duval 164 near Mayport, Marion 5 near Ocala, and Putnam 29 at Palatka.



MAY 1951 - MAY 1970

EXPLANATION
 ———— 2
 - - - - - Line of equal net change of ground-water levels in the Floridan aquifer. Dashed where approximate. Interval 2 feet.
 ● 123
 Observation well and number



MAY 1970 - 1972

Figure 21. Net changes of ground-water levels in the Jacksonville and Fernandina areas, May 1951 to May 1970 and from May 1970 to May 1972.

FERNANDINA – JACKSONVILLE AREA

The Fernandina-Jacksonville area is one of the largest and most rapidly expanding industrial areas in the state.

From 1945 through 1972, municipal pumpage increased 155 percent, from 7,900 mgd to 20,145 mgd. During 1970-72, pumpage increased markedly, from 15,522 mgd to 20,145 mgd, exceeding the increase for the previous 17 years (1944-70). The increase in the Jacksonville municipal pumpage largely reflects the purchase by Jacksonville of about 35 private water supplies during 1970-72.

Ground-water levels, at the end of 1972, were about 1 foot lower in Duval County and 2 feet lower in central Nassau County than at the end of 1970 (fig. 20). Net changes in water levels in the Floridan Aquifer in the Fernandina-Jacksonville area and northeastern Florida area are shown on figure 21.

CENTRAL FLORIDA

The central Florida section includes 20 counties and covers about 18,000 square miles. The extent of this section and location of observation wells for which hydrographs are given are shown in figure 22.

The chief source of ground-water supply in western coastal and central peninsular Florida is the Floridan Aquifer; in the eastern coastal area the chief source of water supply is the nonartesian shallow-sand aquifer. In well Marion 5, in central peninsular Florida near Ocala, the level declined about 1 foot from the end of 1971 to 1972 and was below average at the end of 1972. The water level in well Putnam 29 at Palatka fluctuated 2.7 feet in 1971 and 1.4 feet in 1972. Levels were generally higher in 1971 than in 1972. Water levels in May were less than 1 foot above land surface for 2 consecutive years, 1971 and 1972 (fig. 20).

Central Florida includes four rapidly growing centers of population and industry: The Tampa-St. Petersburg area, the Lakeland area, the Orlando-Cape Kennedy area, and the Sarasota-Bradenton area.

TAMPA – ST. PETERSBURG AREA

The long-term trends and fluctuations of ground-water level in the Floridan Aquifer in the Tampa-St. Petersburg area are shown in figure 23, 24, and 25. The continuing increase in pumping during 1971-72 caused water levels in Hillsborough 13 to decline to a new low level of record, 31.78 feet below land

downward trend from 1946 through 1956 is noted. This downward trend was reversed during the latter part of 1956 and levels continued to rise through 1959. During 1959-68 the downward trend of levels is again evident in well Pinellas 246. During 1969-72, this trend was reversed, and levels rose to about average.

The chloride content of water from two wells that tap the Floridan Aquifer in Pinellas County is shown in figure 26.

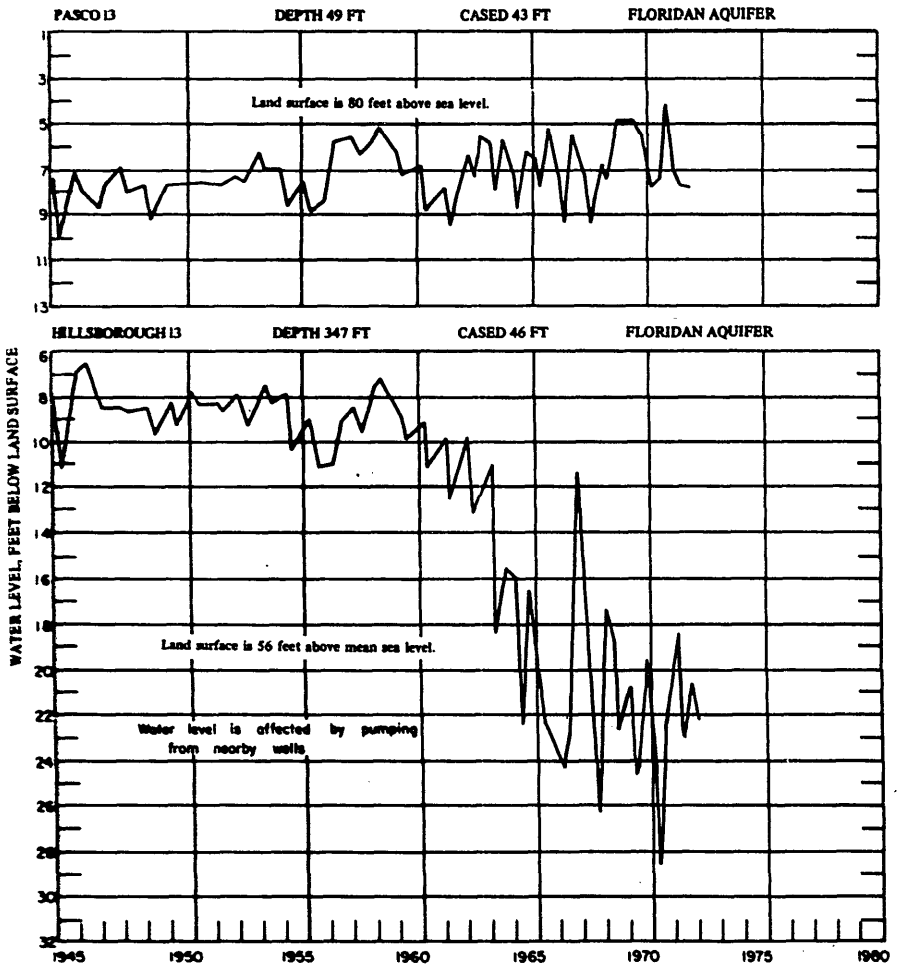


Figure 23. Trends and fluctuations of water levels in wells Pasco 13 near Ehren and Hillsborough 13 near Citrus Park, Tampa area.

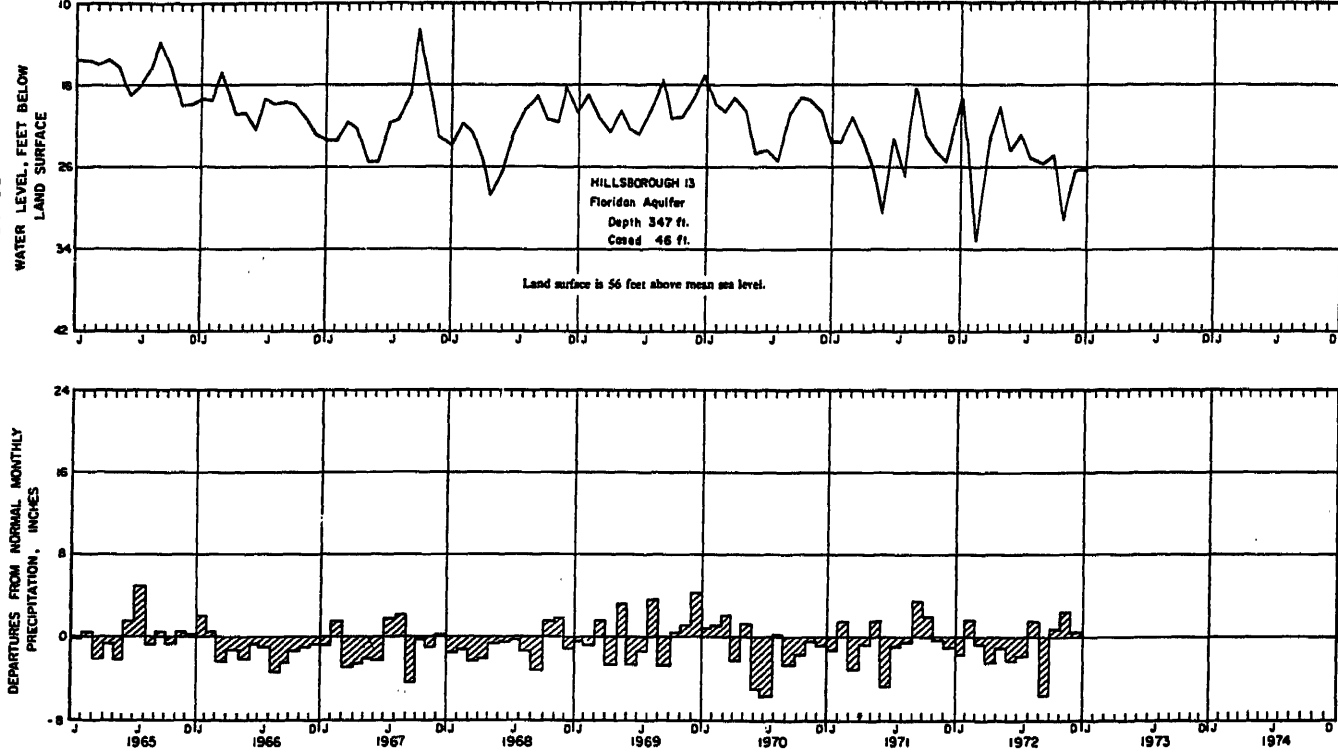


Figure 24. Trends and fluctuations of end-of-month water levels in well Hillsborough 13 near Tampa and departures from monthly normal precipitation at Tampa, 1965-72.

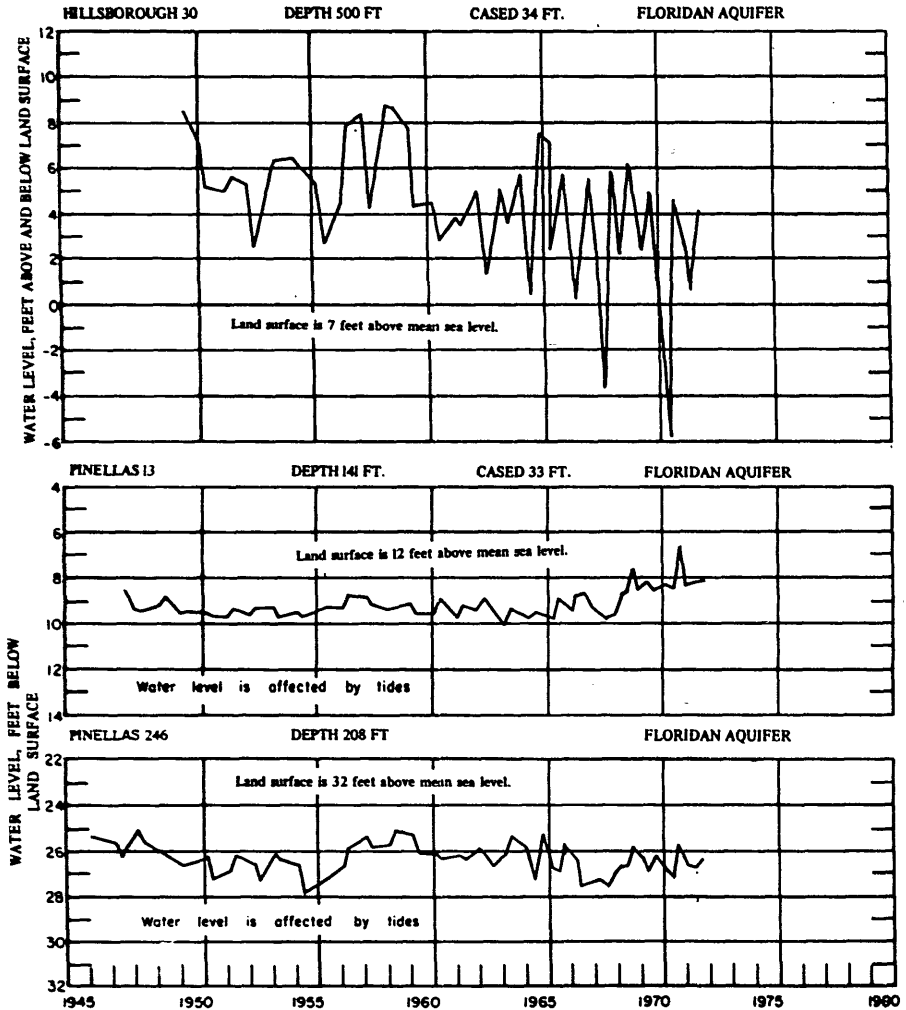
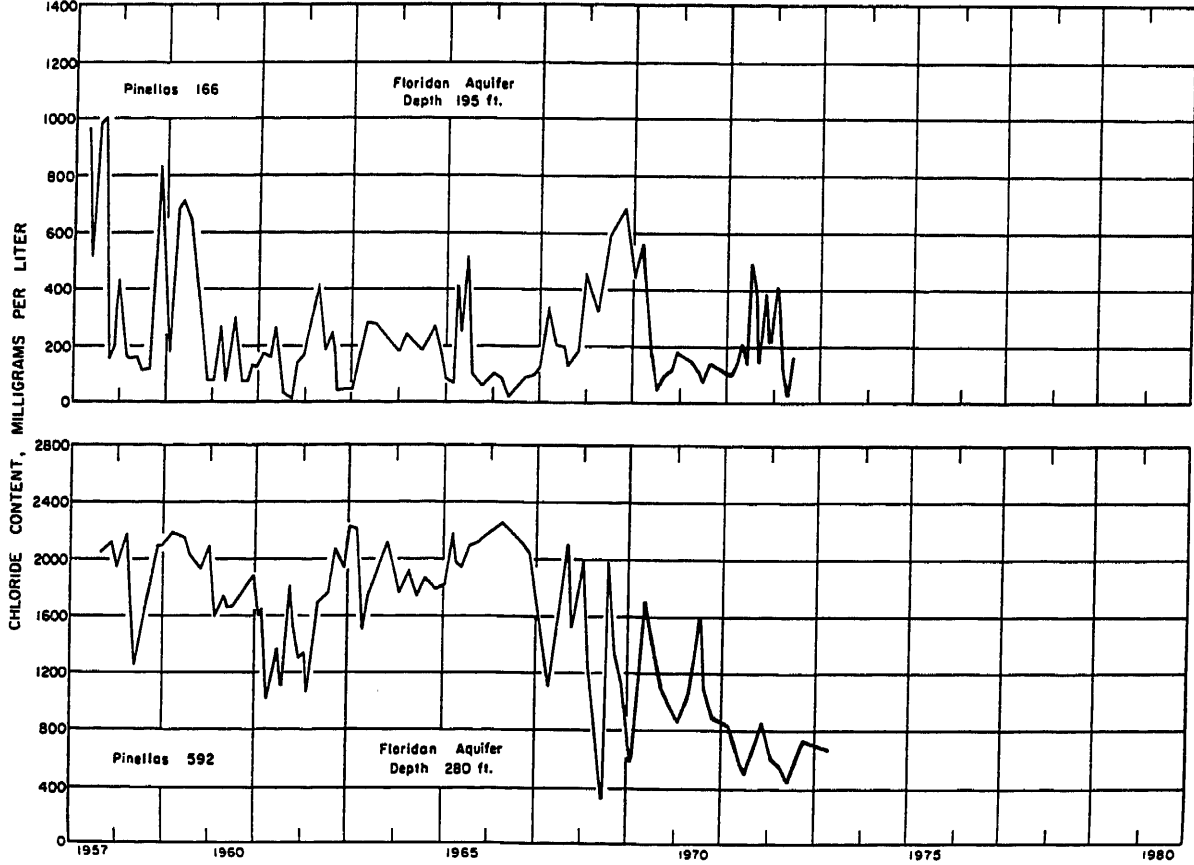


Figure 25. Trends and fluctuations of water levels in wells Hillsborough 30 near Ruskin, Pinellas 13 at Tarpon Springs, and Pinellas 246 at Clearwater.

The chloride content of the water from well Pinellas 166 at Dunedin increased during 1971 and early 1972 then decreased in early 1972. During 1971-72, the chloride content ranged from 103 mg/l (milligrams per liter) in January 1971 to 505 mg/l in July 1971. During 1972, chloride ranged from 400 mg/l in January to 29 mg/l in April.

Figure 26. Changes in chloride content in wells Pinellas 592 at Bay Pines and 166 at Dunedin, St. Petersburg area.



During 1971-72, the chloride content in water from well Pinellas 592 at Bay Pines, decreased until May 1972 then increased sharply to 1,500 mg/l during September 1972. Generally, chloride concentrations in water from both wells had a wider range of fluctuations in 1971-72 than in 1969-70.

LAKELAND AREA

In the Lakeland area, ground water is being pumped at an increasing rate commensurate with the economic growth of the area. From 1945 through 1972, municipal pumpage increased 389 percent, from 1,250 to 6,121 mgy. Annual pumpage reached 5,300 million gallons in 1967, decreased to 4,486 million gallons in 1969 (fig. 27), and then increased to 6,121 million gallons in 1972.

Fluctuations of water levels in the Floridan Aquifer in the vicinity of Lakeland are shown in figure 28. Levels in well Polk 45 remained about average during 1969, but declined about 17 feet during early 1970, then rose during June, July, and August.

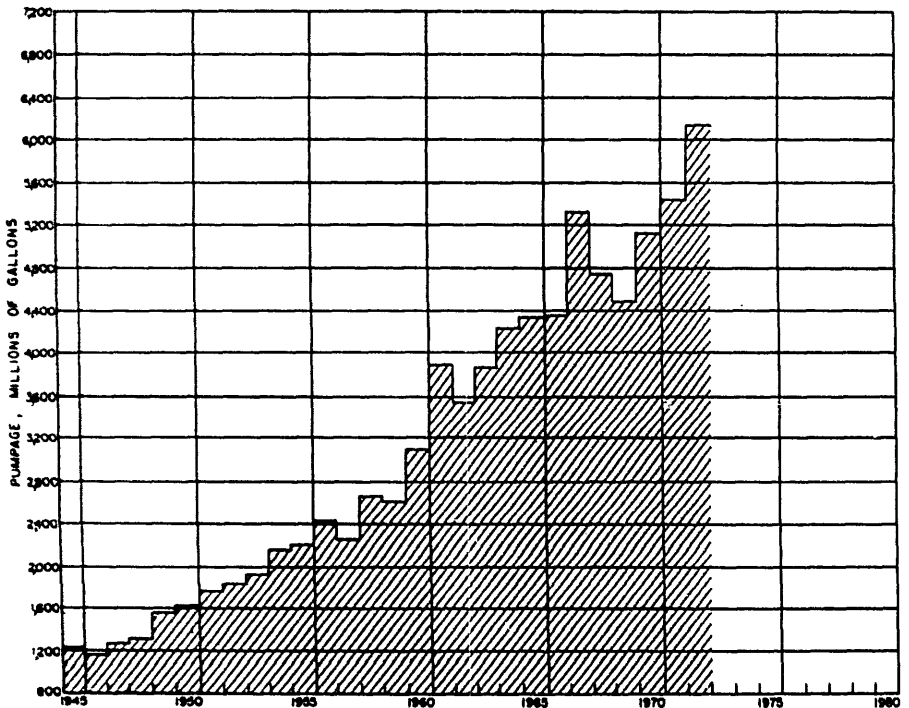


Figure 27. Total yearly pumpage, Lakeland.

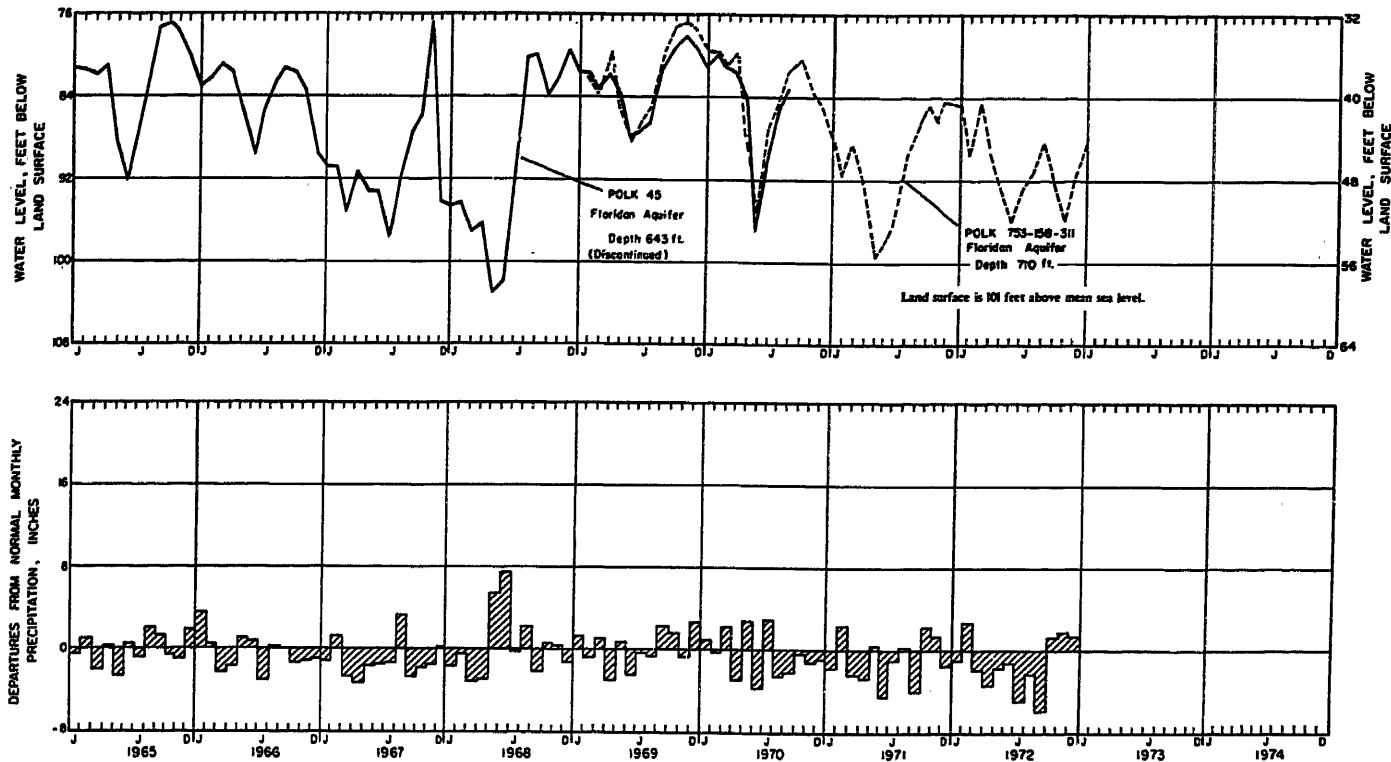


Figure 28. Trends and fluctuations of end-of-month water levels in well Polk 753-158-311 near Mulberry and departures from monthly normal precipitation at Lakeland, 1965-72.

Water-level measurements were discontinued in well Polk 45 in August 1970 and started in Polk 753-158-311, near Mulberry. Water levels declined from September 1970 to April 1971 then rose during the remainder of 1971. During 1972, levels fluctuated about 8 feet but at the end of 1972 they were about average.

In some parts of northern Polk County, water levels declined to new record lows during May 1971-72 (table 1). Levels in well Polk 753-158-311, tapping the Floridan Aquifer, declined nearly 47 feet during 1959-67 in the heavily pumped area near Mulberry south of Lakeland. Artesian levels in well Polk 44 near Davenport in northeastern Polk County declined about 2.0 feet during 1971 and early 1972 then rose to about average in late 1972. During 1971-72 levels in well Polk 47 in the nonartesian aquifer near Davenport declined about 2.5 feet from September 1970 to May 1972 then rose to about average in September 1972. The trend of levels in artesian and nonartesian aquifers -- generally slightly downward -- was caused primarily by deficient rainfall and increased pumping in northern Polk County during 1972. At Lakeland rainfall was deficient during 1970 through 1972, ranging from 4.81 inches below average in 1970 to 13.08 inches below average in 1972. Long-term trends and fluctuations of ground-water levels in the Lakeland area are shown in figure 29.

Water levels in the artesian Hawthorn Aquifer and in the shallow sand nonartesian aquifer in southeastern Polk County and central Highlands County are shown in figure 30.

The decline of the nonartesian water levels due to the droughts of 1954-56 and 1961-62 and the well defined downward trend of artesian levels in the Hawthorn formation are the prominent features illustrated by the hydrographs in figure 30.

Water levels in the shallow sand nonartesian aquifer generally declined during 1971 as shown on hydrographs of well Polk 49 near Frostproof and well Highlands 10 near Sebring. During 1972, levels in well Polk 49 rose while those in wells Polk 51 and Highlands 10 declined. Levels in well Polk 51 in the Hawthorn Aquifer near Frostproof declined sharply during 1971 but by the end of 1971 had risen nearly to 1967-70 levels. Figure 31 shown fluctuations of water levels in the shallow sand nonartesian aquifer in southeastern Highland, Oseceola and Okeechobee Counties. Levels in wells Highlands 13, Oseceola 183 and Okeechobee 3 rose 1.5, 2.3 and 2.0 feet, respectively, during 1971-72 and all were about average at the end of 1972.

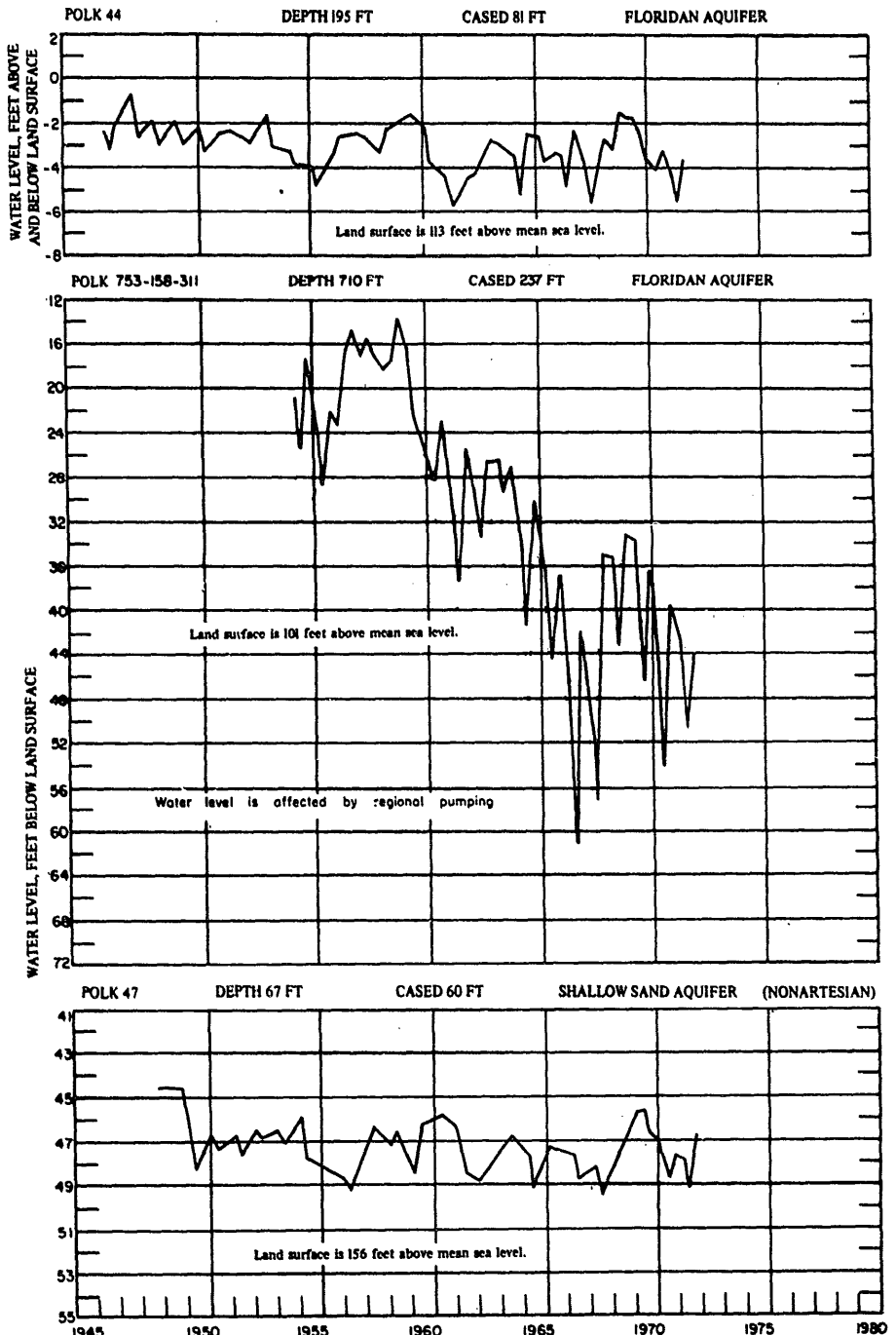


Figure 29. Trends and fluctuations of water levels in wells Polk 44 and 47 near Davenport and Polk 753-158-311 near Mulberry, Lakeland area.

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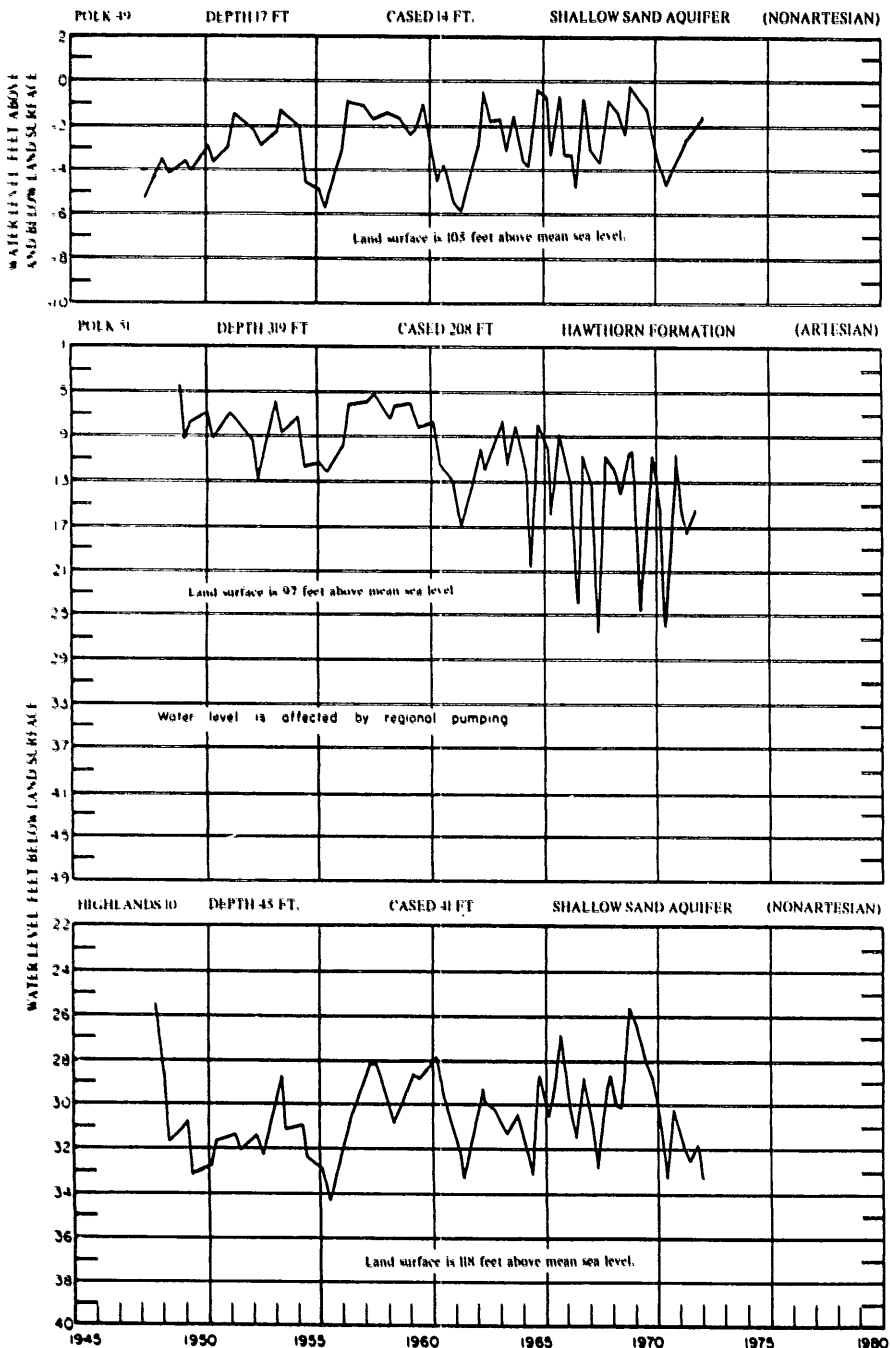


Figure 30. Trends and fluctuations of water levels in wells Polk 49 near Frostproof, Polk 51 at Frostproof and Highlands 10 near Sebring.

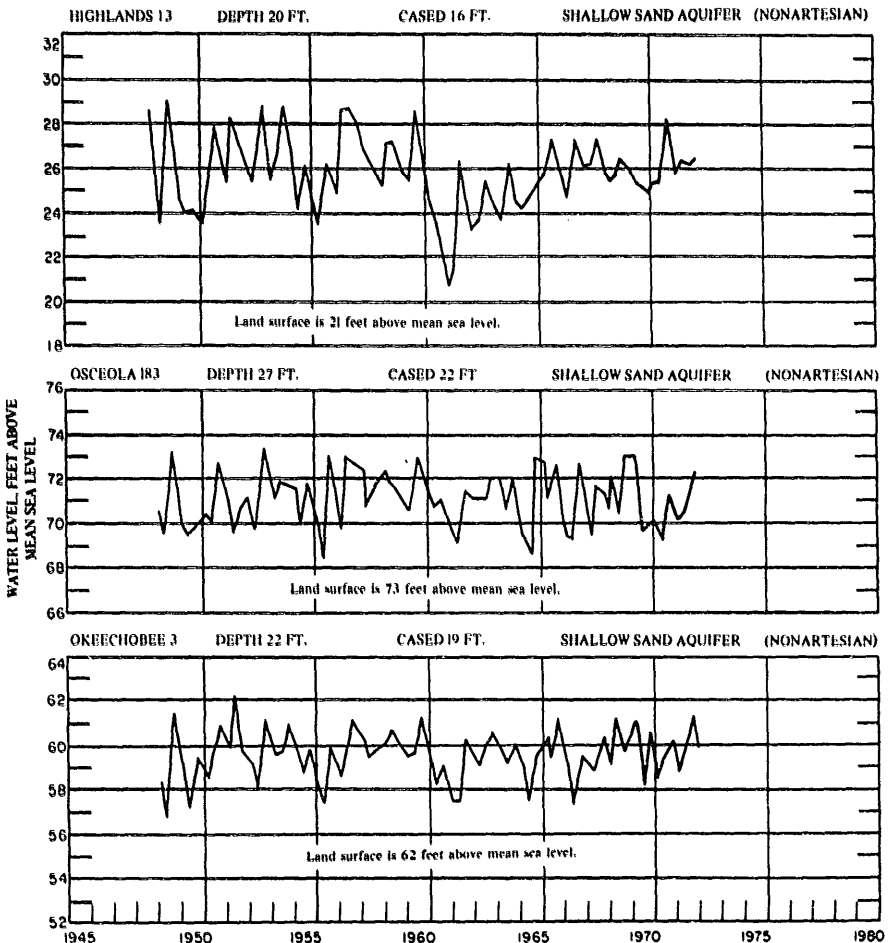


Figure 31. Trends and fluctuations of water levels in wells Highlands 13, Osceola 183, and Okeechobee 3 in the Kissimmee Valley.

ORLANDO AREA

The Orlando area in north-central Orange County includes the cities of Orlando, Winter Park, and Maitland. The Floridan Aquifer supplies most of the water for municipal and industrial needs in the area. Total annual municipal pumpages for Orlando, Winter Park, and the city of Cocoa are shown on figure 32, 33, and 34. During 1971-72 the municipal pumpage at Orlando and Winter Park increased markedly. At Orlando, total yearly pumpage increased for 2,314 mgd in 1945 to 13,781 mgd in 1972. At Winter Park total yearly pumpage increased from 724 mgd in 1951 to 4,319 mgd in 1972. At the city of Cocoa

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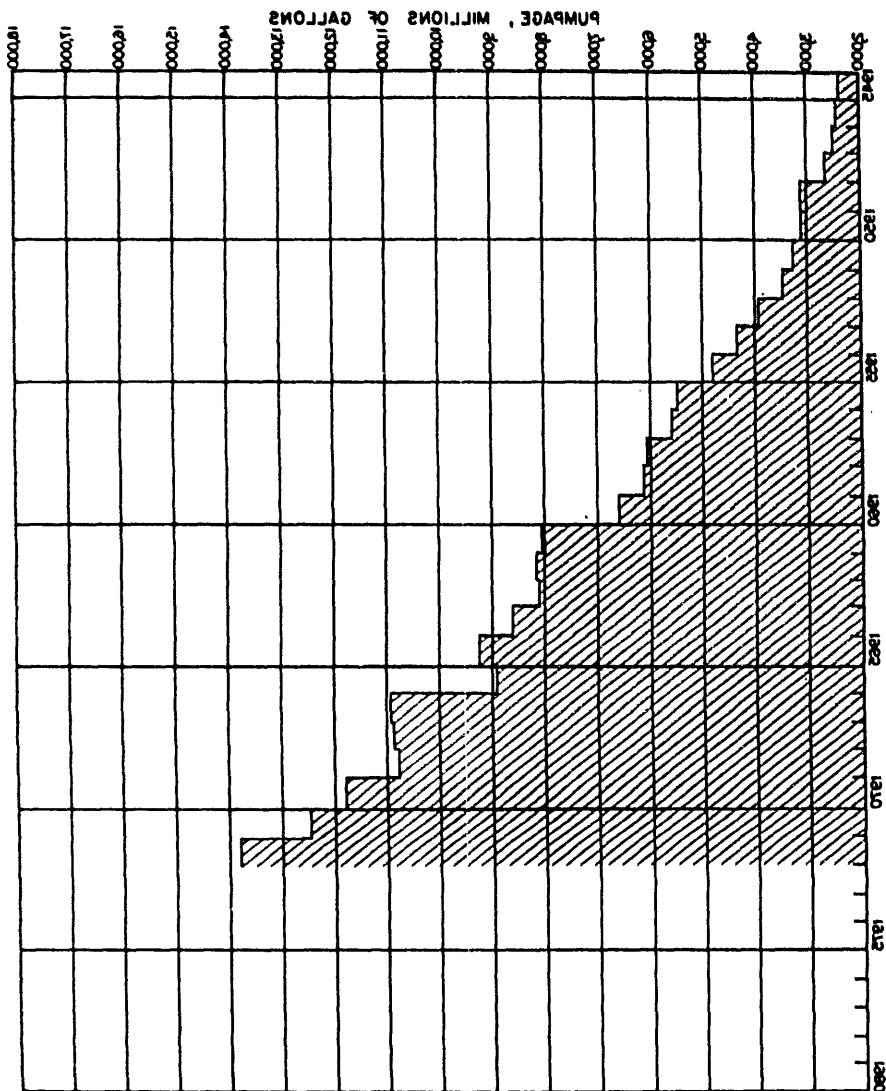


Figure 32. Total yearly pumpage, Orlando.

well field, the decrease in total annual pumpage during 1971-72 reflects to a degree the continuing diminished activity at Cape Kennedy.

Hydrographs of wells tapping artesian and nonartesian aquifers and departures from normal monthly precipitation are shown on figure 35. The long-term trend of artesian levels in the Floridan Aquifer in the Orlando area is illustrated in figure 36.

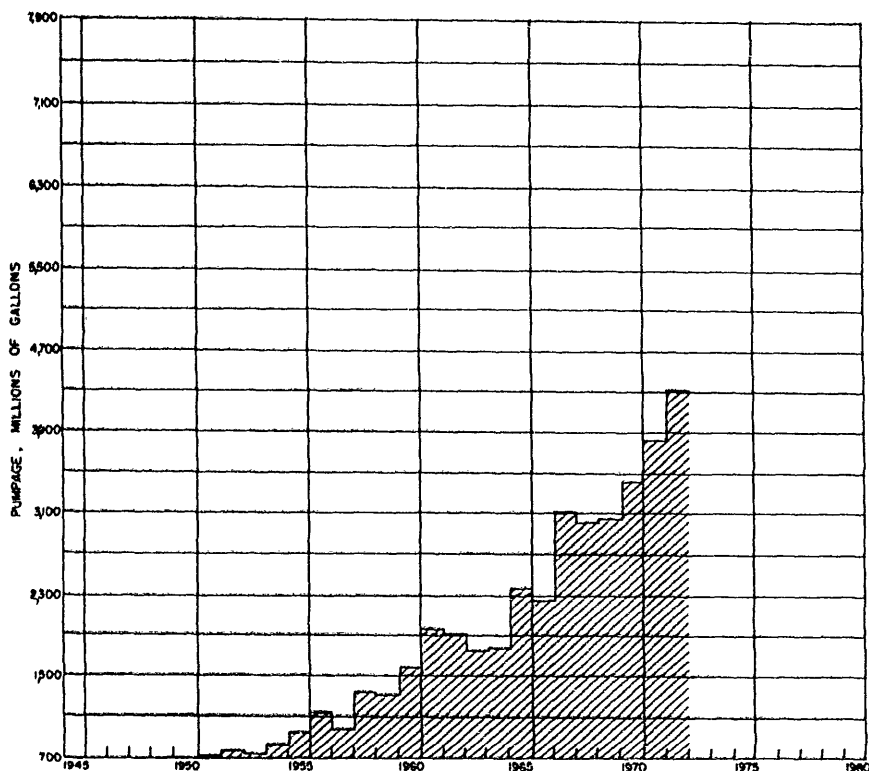


Figure 33. Total yearly pumpage, Winter Park.

The water level in well Orange 47 declined slightly in 1971 and then again in 1972. At the end of 1972 levels were about 2.5 feet lower than at the end of 1970. Generally, levels declined early in 1971, rose until late summer 1971, then declined gradually during the rest of 1971 and throughout 1972.

CAPE KENNEDY AREA

Included in the Cape Kennedy area, in cities of Cocoa, Cocoa Beach, and Titusville. Water in the Floridan Aquifer is saline with as much as 1,800 - 2,000 mg/l chloride and it is used primarily for subirrigation. Water-level fluctuations in wells in eastern coastal Florida in Brevard, Indian River and St. Lucie Counties are shown in figure 37.

In Brevard County, artesian levels in the Floridan Aquifer generally continued the long-term downward trend. During 1971-72, artesian levels

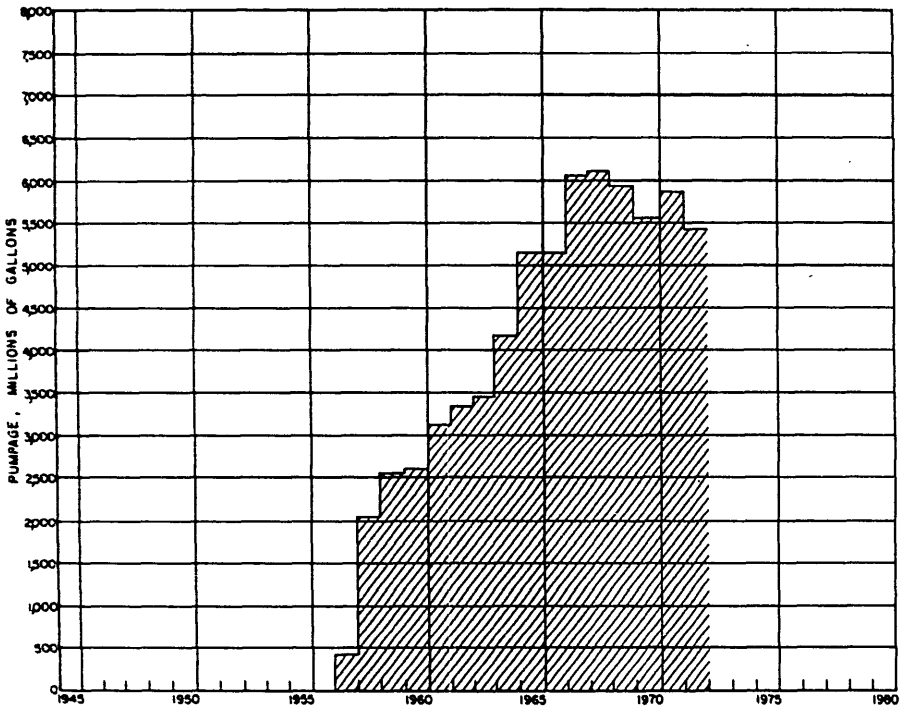


Figure 34. Total yearly pumpage, Cocoa well field.

declined about 1 foot in well Brevard 20 in southern Brevard County and nearly 3 feet in well Brevard 159 on the northern end of Merritt Island (fig. 37). Annual rainfall at Titusville was 7.97 inches below normal during 1971 and 1.29 inches below normal during 1972.

In Indian River and St. Lucie Counties, nonartesian levels in the shallow sand aquifer have generally shown no downward trend during the period of record 1950-72. The water level in well Indian River 25 rose about 3 feet during 1971-72. Levels in well St. Lucie 42 remained about the same during 1971-72 (fig. 37).

SARASOTA-BRADENTON AREA

The Sarasota - Bradenton area includes Manatee and Sarasota Counties in southwestern coastal Florida. Principal economic activities in the area are agricultural -- truck and citrus farming and stock raising. The coastal section, however, is rapidly developing as a retirement and year round tourist center.

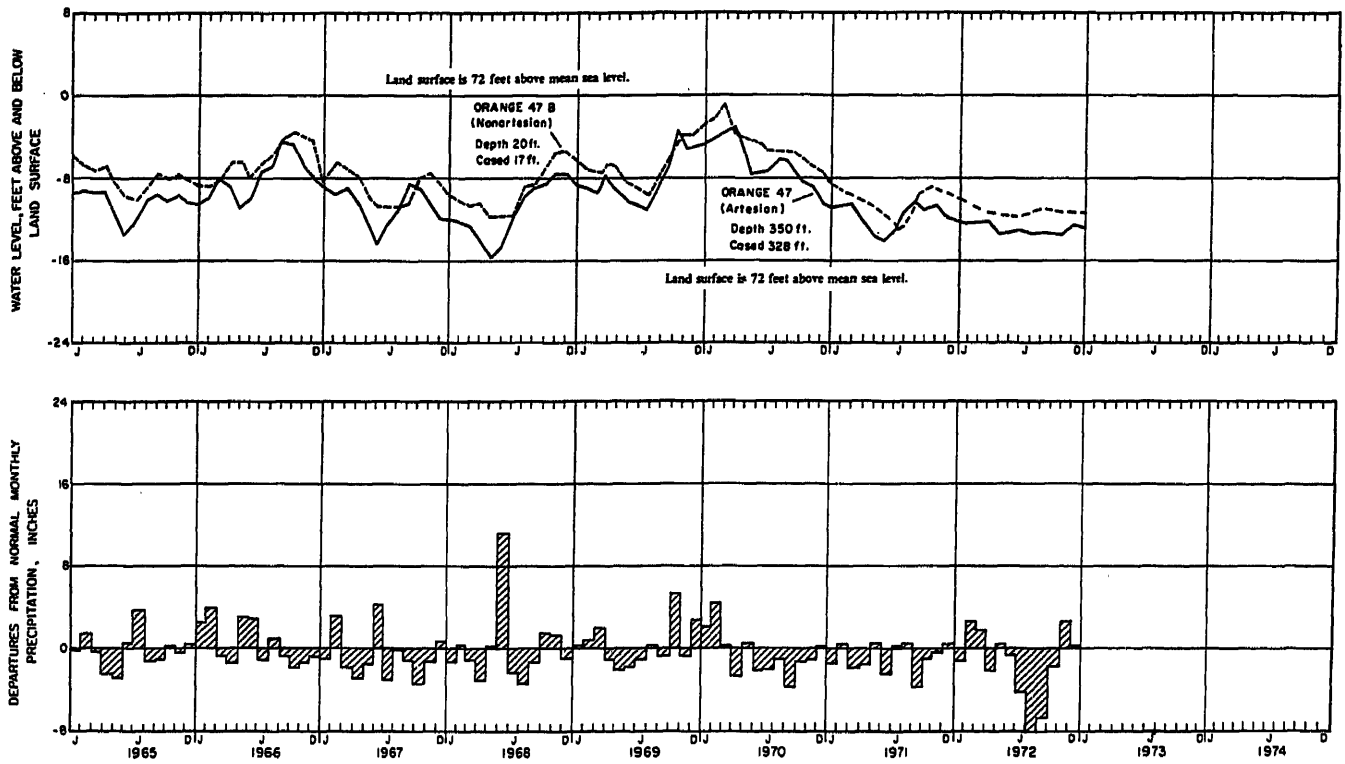


Figure 35. Trends and fluctuations of end-of-month water levels in wells Orange 47 and 47B near Orlando and departures from monthly normal precipitation at Orlando, 1965-72.

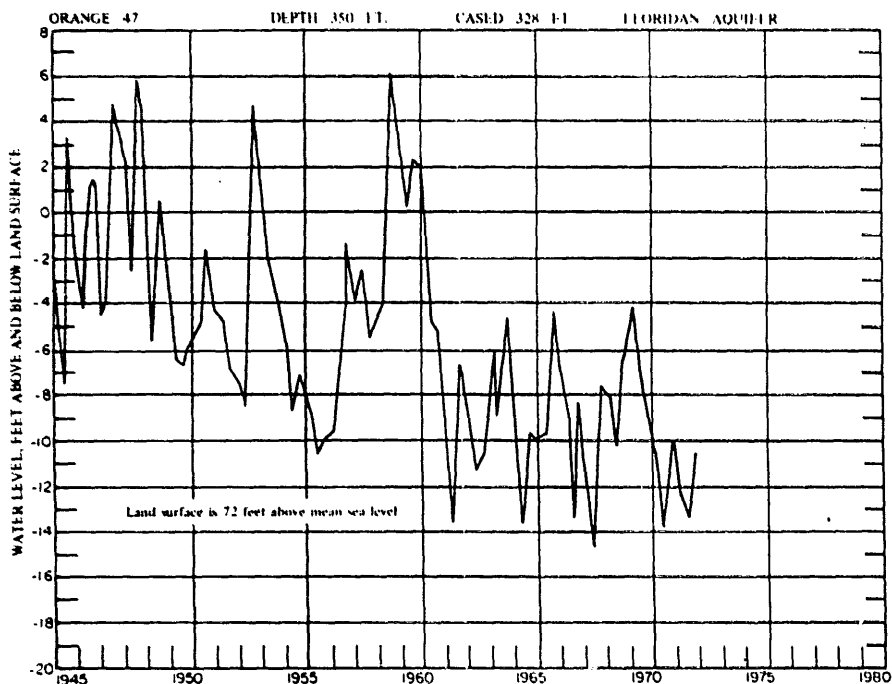


Figure 36. Trends and fluctuations of water levels in well Orange 47 near Orlando.

The hydrograph of observation well Sarasota 9 tapping the Floridan Aquifer shows a continuing gradual decline of artesian pressure during 1945-72. The water level declined 26.07 feet, from 5.20 feet above land surface in March 1931, the highest recorded level, to a record low of 20.87 feet below land surface in May 1968. During 1971-72 the level declined seasonally and fluctuated in response to rainfall and areal pumping.

The hydrograph of well Sarasota 9 shows the decline is continuing and that the range of annual fluctuations reached a maximum during 1967-68. The regional extent of the decline is shown by hydrographs of well Hillsborough 30 (fig. 25) and of well Sarasota 9 (fig. 38).

SOUTHERN FLORIDA

The southern Florida section includes all counties south of a line through DeSoto County and covers an area of about 17,500 square miles. The region and locations of selected observation wells for which hydrographs are presented are shown on figure 39.

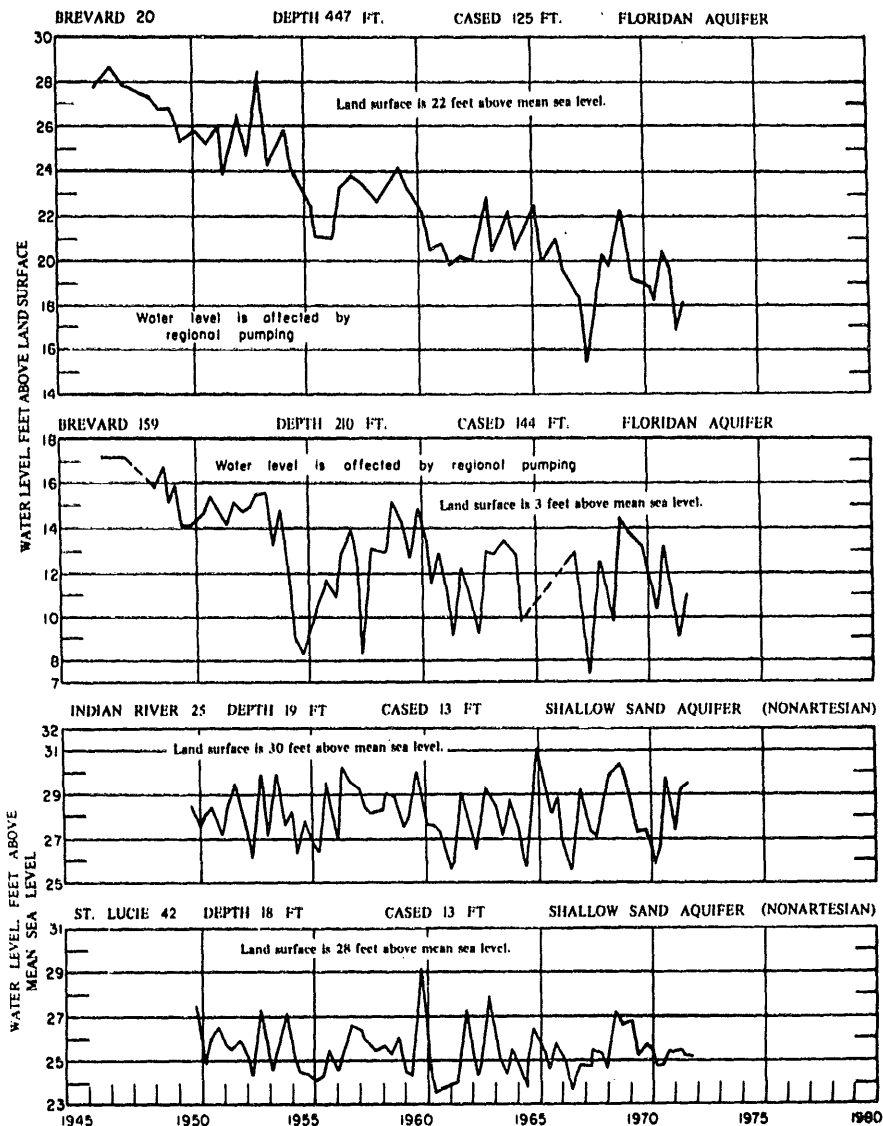


Figure 37. Trends and fluctuations of water levels in wells near Cape Kennedy and eastern-central coastal Florida.

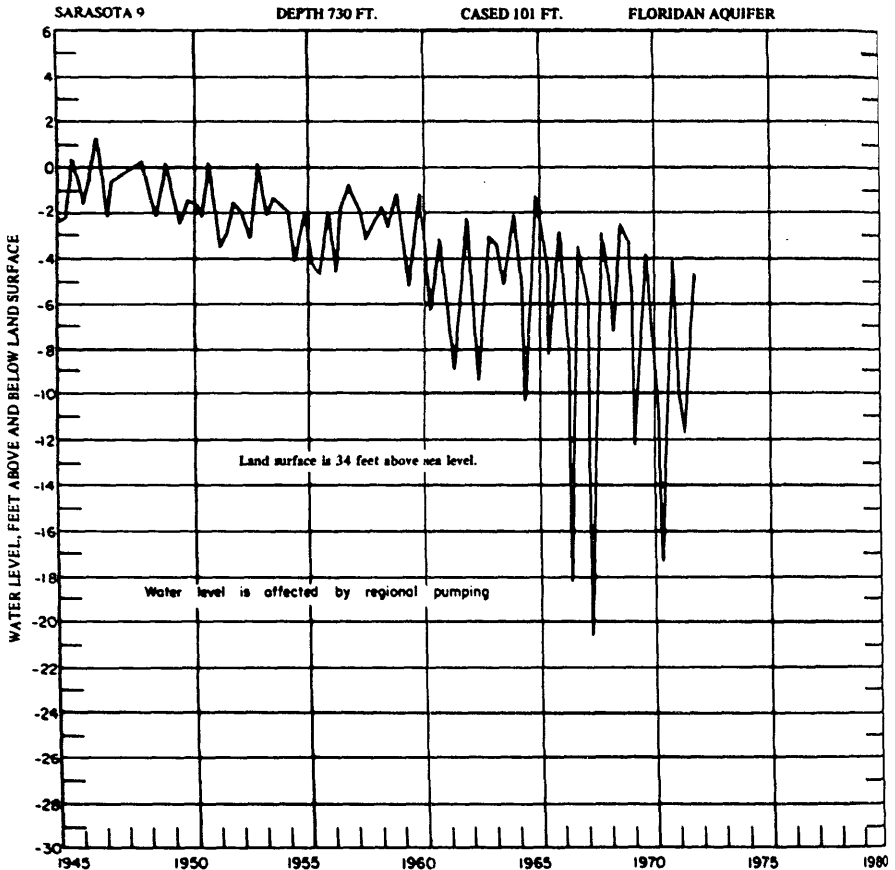


Figure 38. Trends and fluctuations of water levels in well Sarasota 9, Sarasota-Bradenton area.

In the coastal areas of Martin and Palm Beach Counties and in southwestern coastal Florida and inland areas, nonartesian shallow-sand aquifer are the chief sources of supply. In Broward and Dade Counties, the Biscayne Aquifer is the principal source.

FT. MYERS – NAPLES AREA

The Ft. Myers - Naples section includes Lee, Charlotte and Collier Counties and, similar to the Bradenton - Sarasota area to the north, is developing rapidly as a winter tourist and retirement center.

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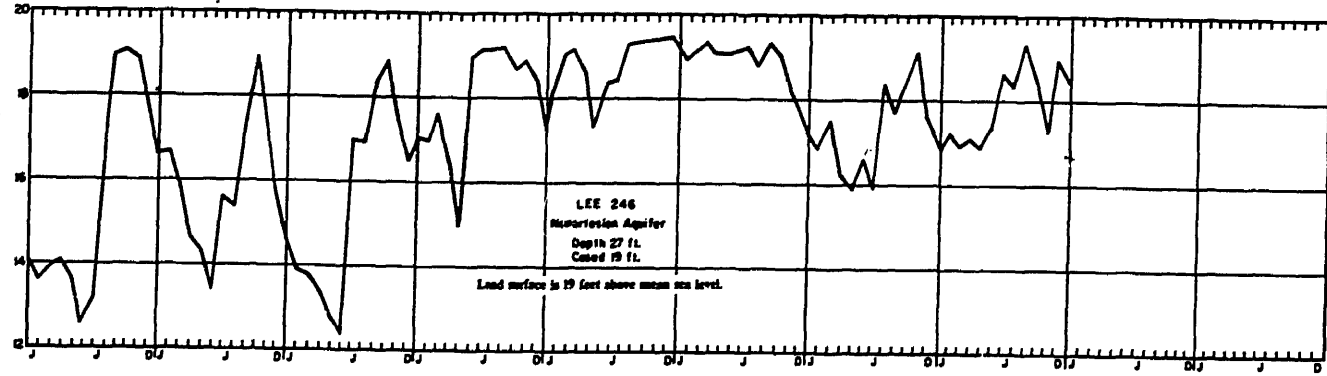
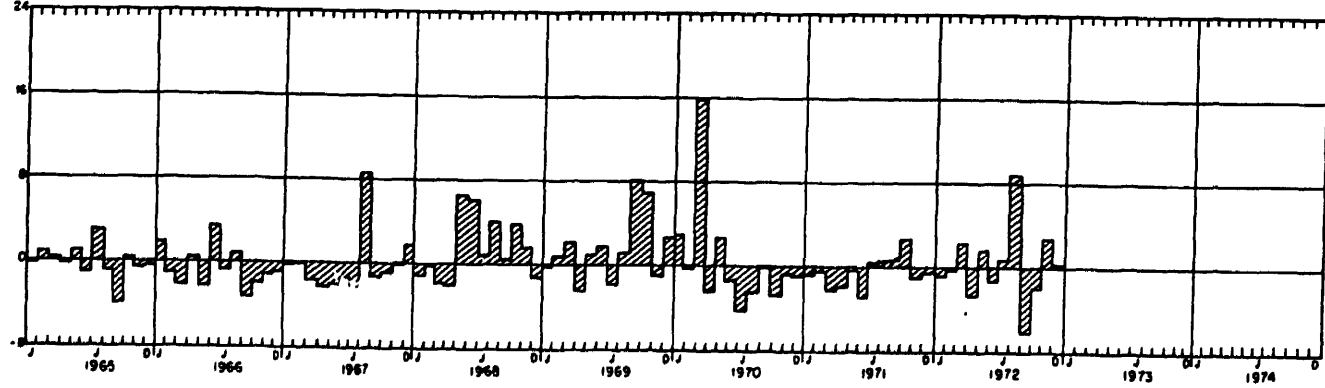
WATER LEVEL, FEET ABOVE
MEAN SEA LEVELDEPARTURES FROM NORMAL MONTHLY
PRECIPITATION, INCHES

Figure 40.

Trends and fluctuations of end-of-month levels in well Lee 246 near Ft. Myers and departures from normal monthly precipitation at Ft. Myers, 1965-72.

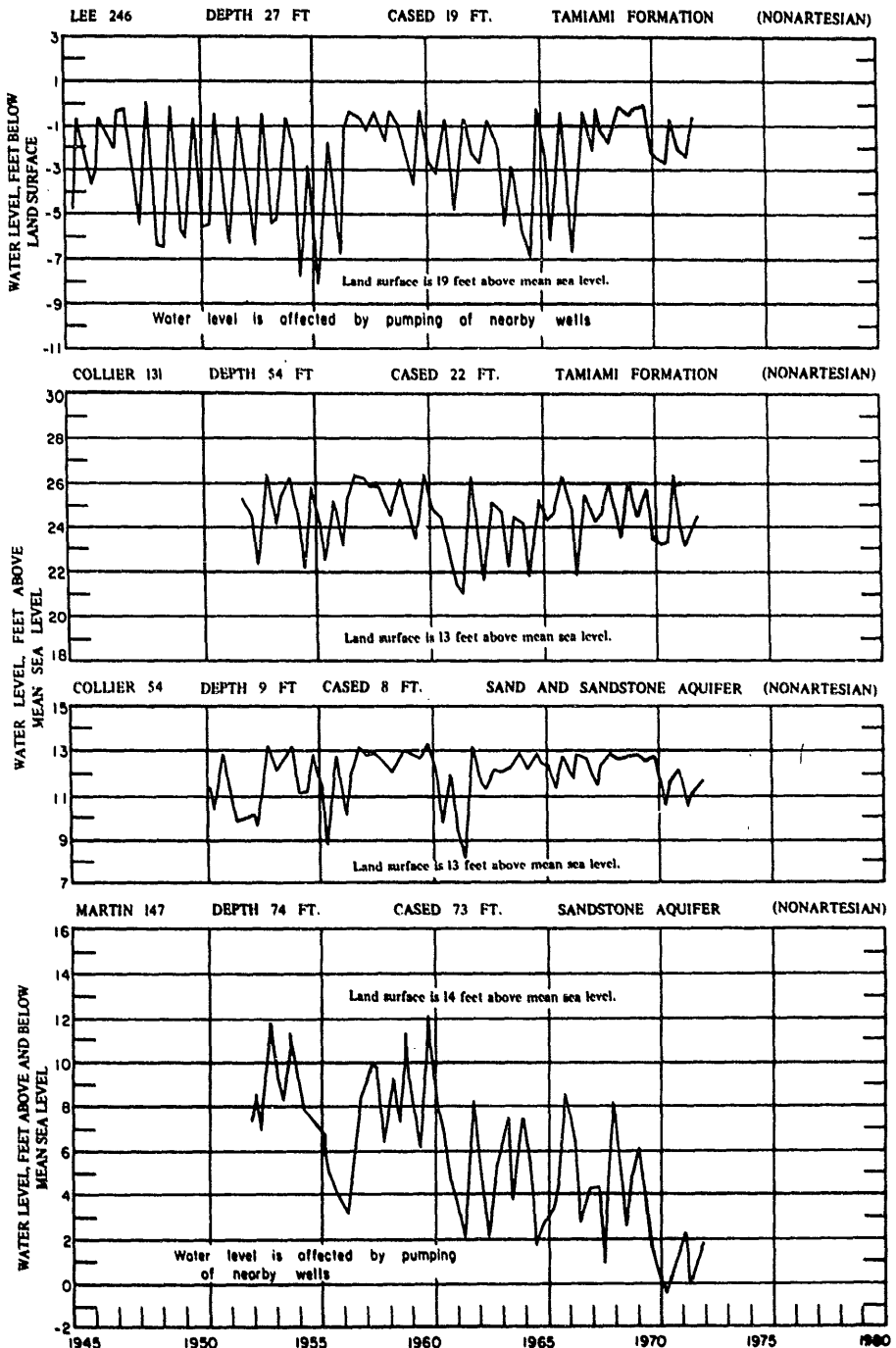


Figure 41. Trends and fluctuations of water levels in wells Lee 246 near Ft. Myers, Collier 54 in the Everglades, Collier 131 near Immokalee, and Martin 147 at Stuart.

In the Ft. Myers - Naples area nonartesian aquifers are the principal source of ground water. Figure 48 shows the seasonal fluctuations of end-of-month ground-water levels in well Lee 246 and rainfall at Ft. Myers for 1965-72. Generally, in this area seasonal fluctuations of water levels in nonartesian aquifers closely correspond to seasonal fluctuations in the amounts of rainfall. Figure 41 shows the trends and fluctuations of water levels in nonartesian aquifers for selected wells in Lee and Collier Counties in southern Florida.

The graph of chloride concentration in well C123 near Naples shows the general upward trend. In 1972, chloride reached the highest concentration, 40 mg/l, for the period of record (fig. 53).

STUART - WEST PALM BEACH AREA

The Stuart - West Palm Beach area includes coastal parts of Martin and Palm Beach Counties and is a segment of the rapidly growing populous coastal complex extending from Jacksonville southward through the Keys. Average yearly municipal pumpage at Stuart has increased from 4 mgd during 1945 to about 713 mgd in 1972. The total yearly pumpage in 1972 was 201 mgd more than the 1971 pumpage. This 201-mgd increase exceeded the total increase in pumpage during the 5 years preceding 1971 (fig. 42).

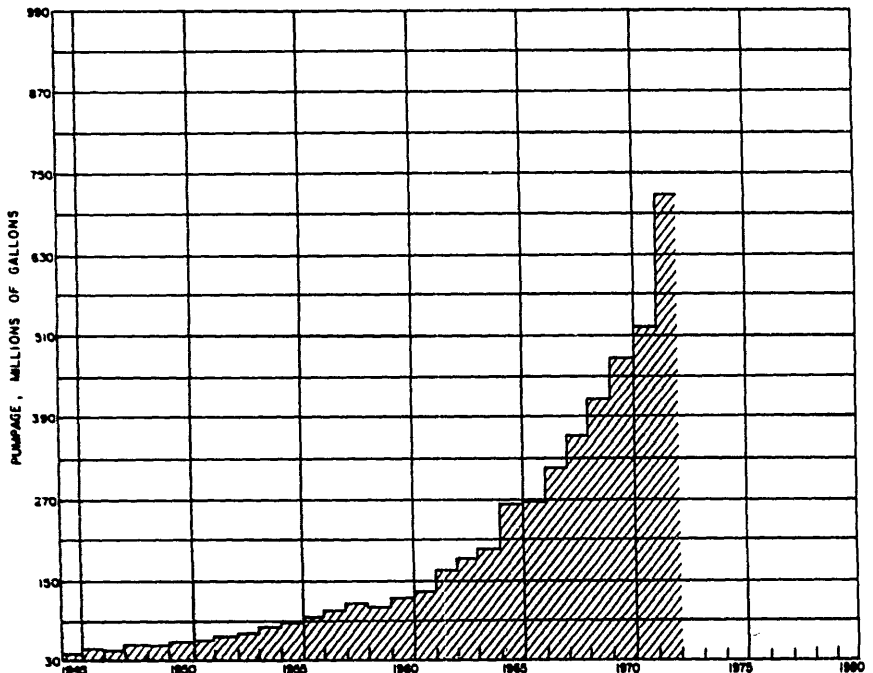


Figure 42. Total yearly pumpage, Stuart.

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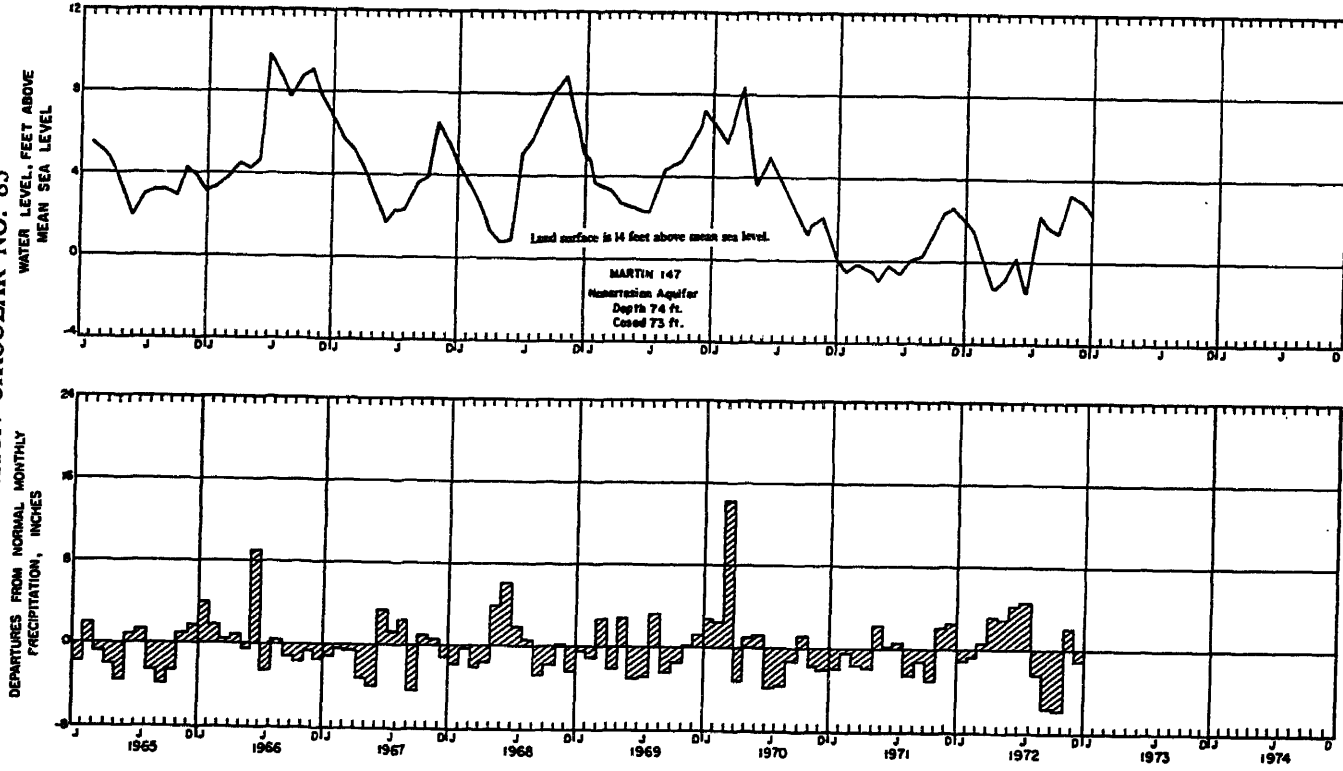


Figure 43. Trends and fluctuations of end-of-month water levels in well Martin 147 at Stuart and departures from monthly normal precipitation at Stuart, 1965-72.

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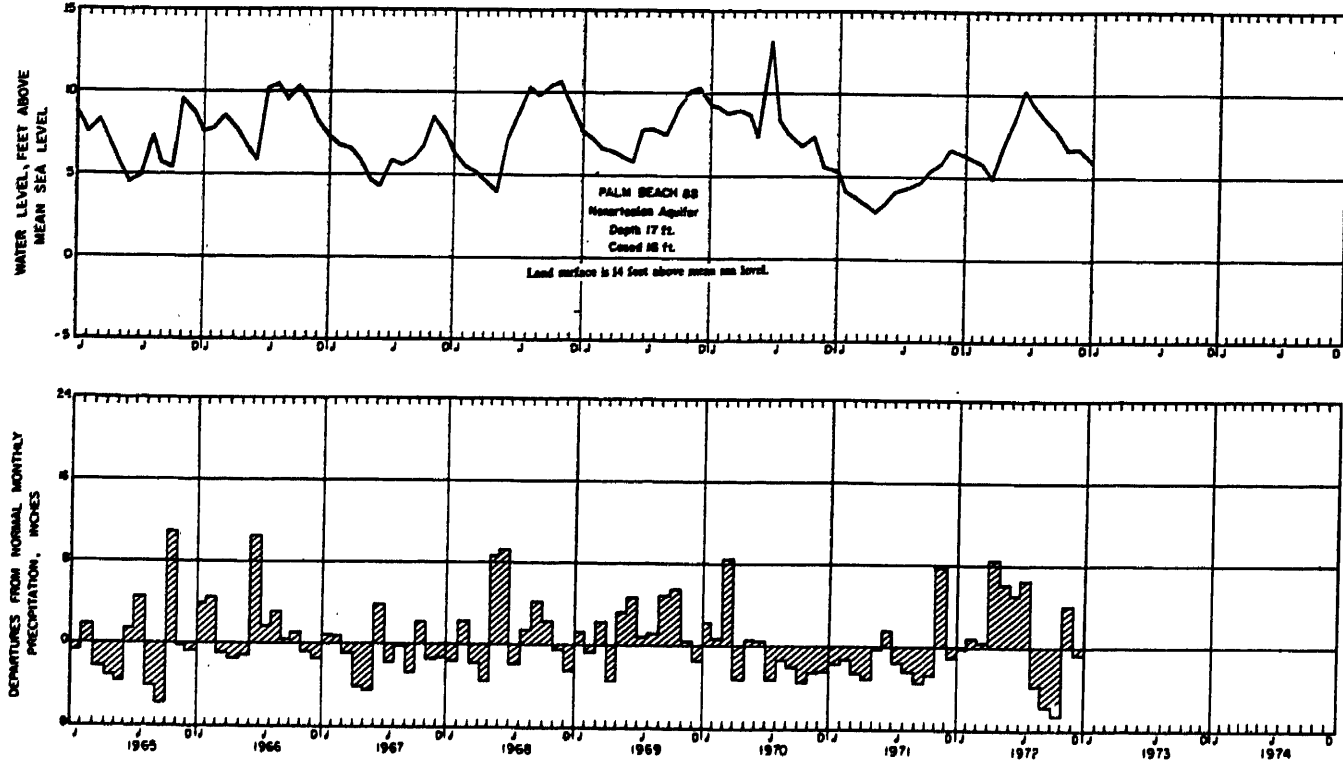


Figure 44.

Trends and fluctuations of end-of-month water levels in well Palm Beach 88 at Lake Worth and departures from monthly normal precipitation at West Palm Beach, 1965-72.

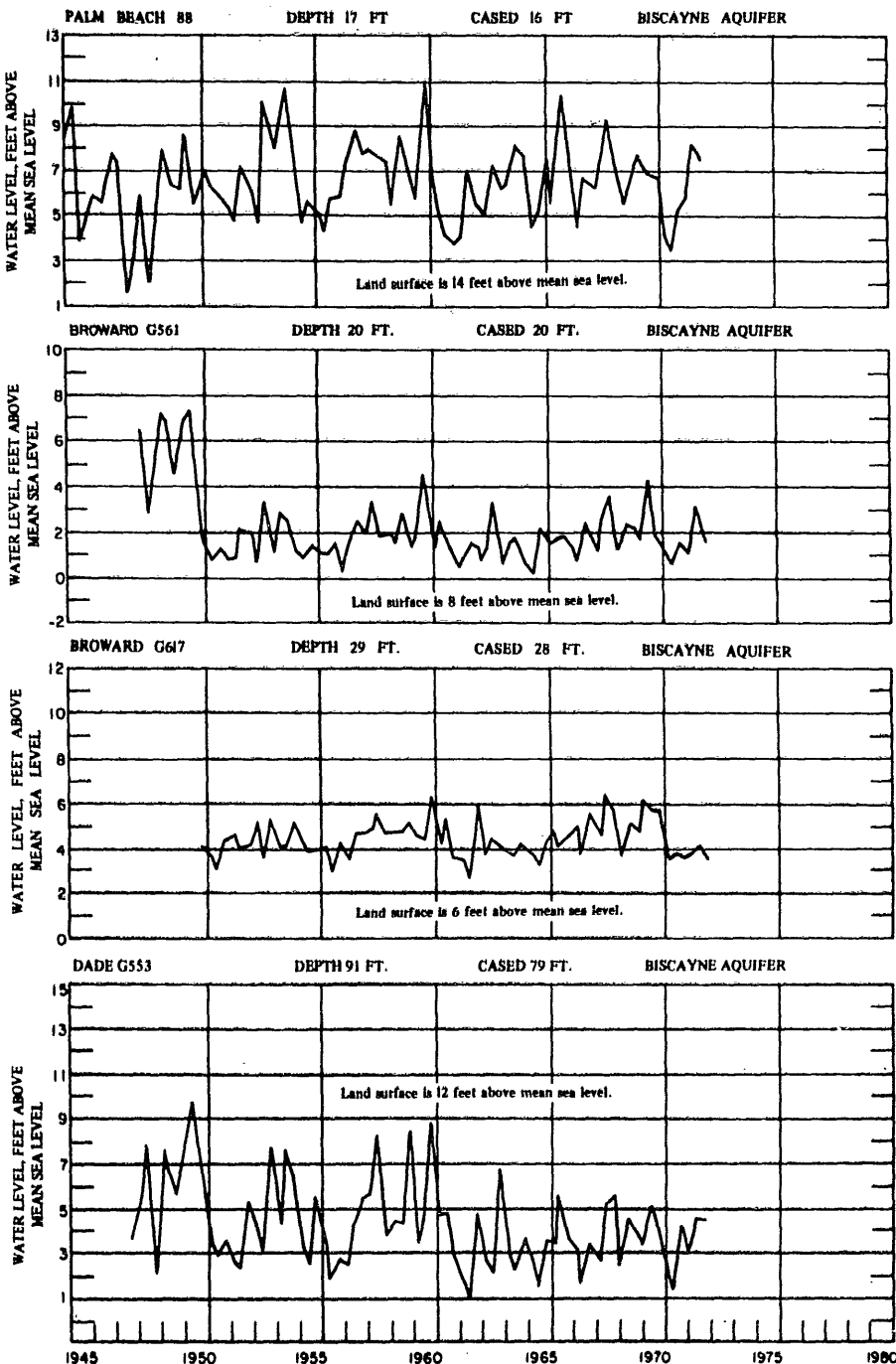


Figure 45. Trends and fluctuations of water levels in wells Palm Beach 88 at Lake Worth, Broward G561 and G617 near Ft. Lauderdale, and Dade G553 near Miami.

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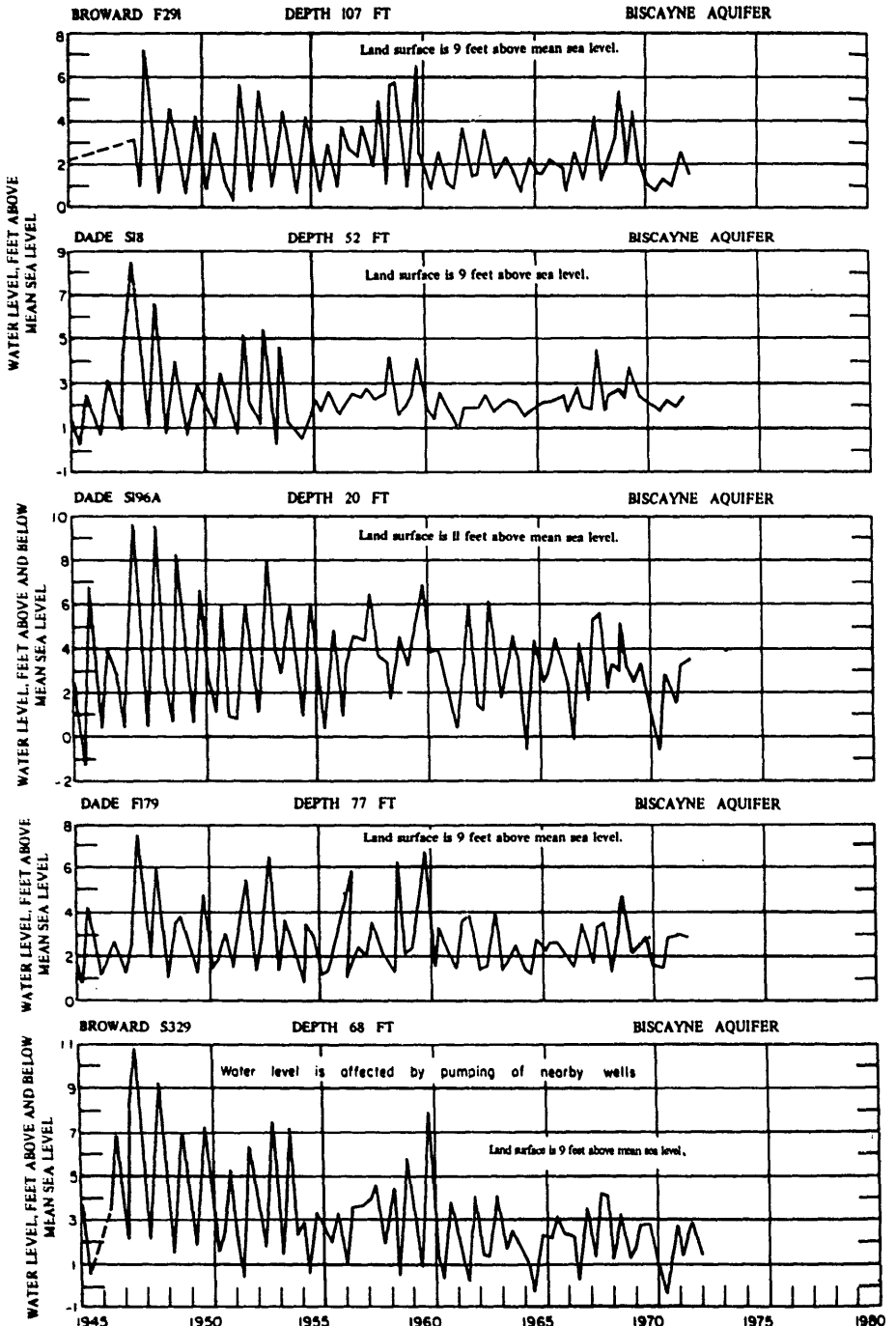


Figure 46. Trends and fluctuations of water levels in wells Broward F291 at Hollywood, Dade S18 near Miami, Dade S196A near Homestead, Dade F179 at Miami, and Broward S329 near Ft. Lauderdale.

The principal source of water supply in the Stuart - West Palm Beach area is the nonartesian shallow-sand aquifer. The hydrograph of well Martin 147 at Stuart (fig. 41) shows the downward trend of nonartesian water levels. Levels declined to a record low of about 2 feet above mean sea level each spring of 1962, 1963 and 1965. During 1971 and 1972 levels declined below mean sea level. During 1971, end-of-month levels remained below mean sea level during January - July. During 1972, March, April, and June levels declined below mean sea level. The declines were caused in part by increased pumping in the Stuart well field and rainfall deficiency in 1971-72. Figure 43 shows trends of end-of-month water levels and departures from normal monthly precipitation recorded at Stuart, 1965-72.

The chief source of water supply in southern Palm Beach, Broward, and Dade Counties is the Biscayne Aquifer. Figure 44 shows the trends and fluctuations of end-of-month water levels in well Palm Beach 88 and departures from normal monthly precipitation at West Palm Beach. Fluctuations of water levels in several selected wells are shown in figures 45 and 46. Generally, water levels declined in early 1971 then rose in 1972 and were about average at the end of 1972.

FT. LAUDERDALE AREA

The Ft. Lauderdale area includes the populous coastal part of Broward County extending from the Deerfield - Boca Raton area in the north part of the county to the Hollywood area in the south part of the county. Long-term downward trends of water levels in the Biscayne Aquifer in and adjacent to the Ft. Lauderdale area are shown by the hydrograph of well Broward S329 at Ft. Lauderdale (fig. 46).

Adjacent to the coast and along tidal canals the Biscayne Aquifer contains salty water. Figure 47 shows graphs of the chloride content of water in wells Broward G515, G820A, and S830, all in the vicinity of the Ft. Lauderdale Dixie well field. The chloride content of water in well Broward G515 increased from about 520 mg/l to 750 mg/l in 1955 then decreased to about 700 mg/l in 1968. In December 1970 chloride content increased to a record high of 870 mg/l and during 1971-72 fluctuated between 600 and 700 mg/l. The chloride content of water from Broward G820 decreased from 85 mg/l in 1956 to 15 mg/l in 1960, then gradually increased to 33 mg/l in 1967. Chloride content ranged from 34 mg/l in October 1969 to 24 mg/l in October 1970. During 1971-72, the chloride content decreased to about 20 mg/l. The chloride content of water in well Broward S830 decreased from about 3,700 mg/l in 1947 to 50 mg/l in 1958, gradually increased to 2,750 mg/l in 1969, then decreased sharply to 1,760 mg/l in late 1970. During 1971-72, the chloride content fluctuated between 1,500

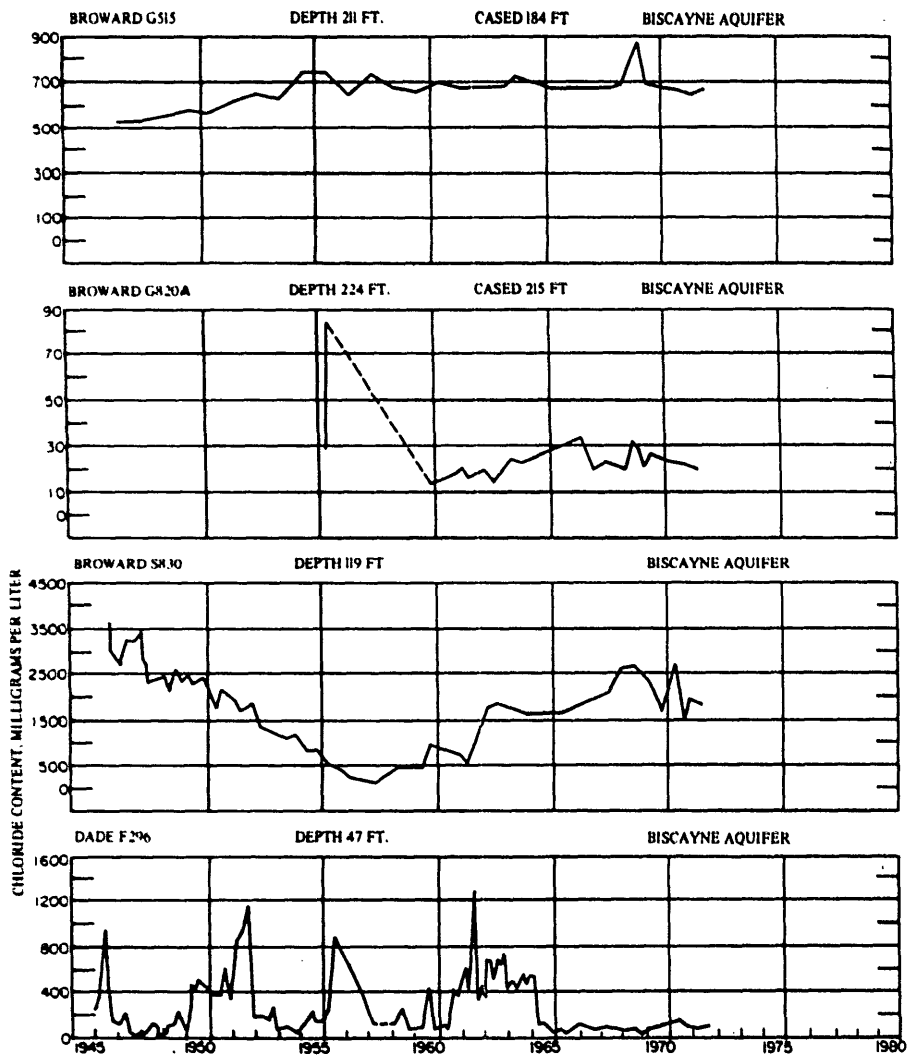


Figure 47. Changes in chloride content of water in wells Broward G515, G820A, and S830 near Ft. Lauderdale, and Dade F296 near Miami.

and 2,700 mg/l. At the end of 1972, the chloride content was below 1,500 mg/l.

Contours of ground-water levels in the Biscayne Aquifer in eastern coastal Broward County for May 1971 and May 1972 are shown on figures 48 and 49. The contours show the configuration and altitude of water levels in the major well field areas and throughout the county at the end of the dry seasons for 1971 and 1972.

The positions of the municipal well fields for Ft. Lauderdale and Pompano Beach are shown by hachures. During May 1971 through May 1972, levels rose

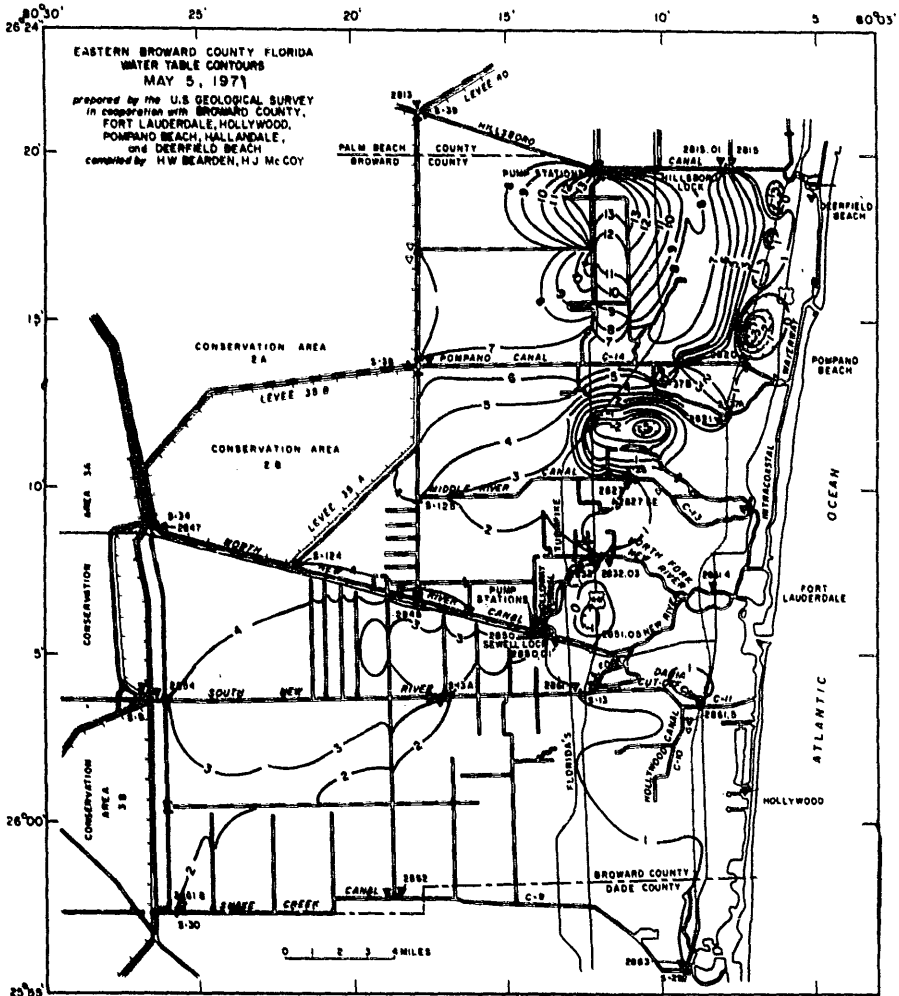


Figure 48. Water table contours eastern Broward County, May 1971.

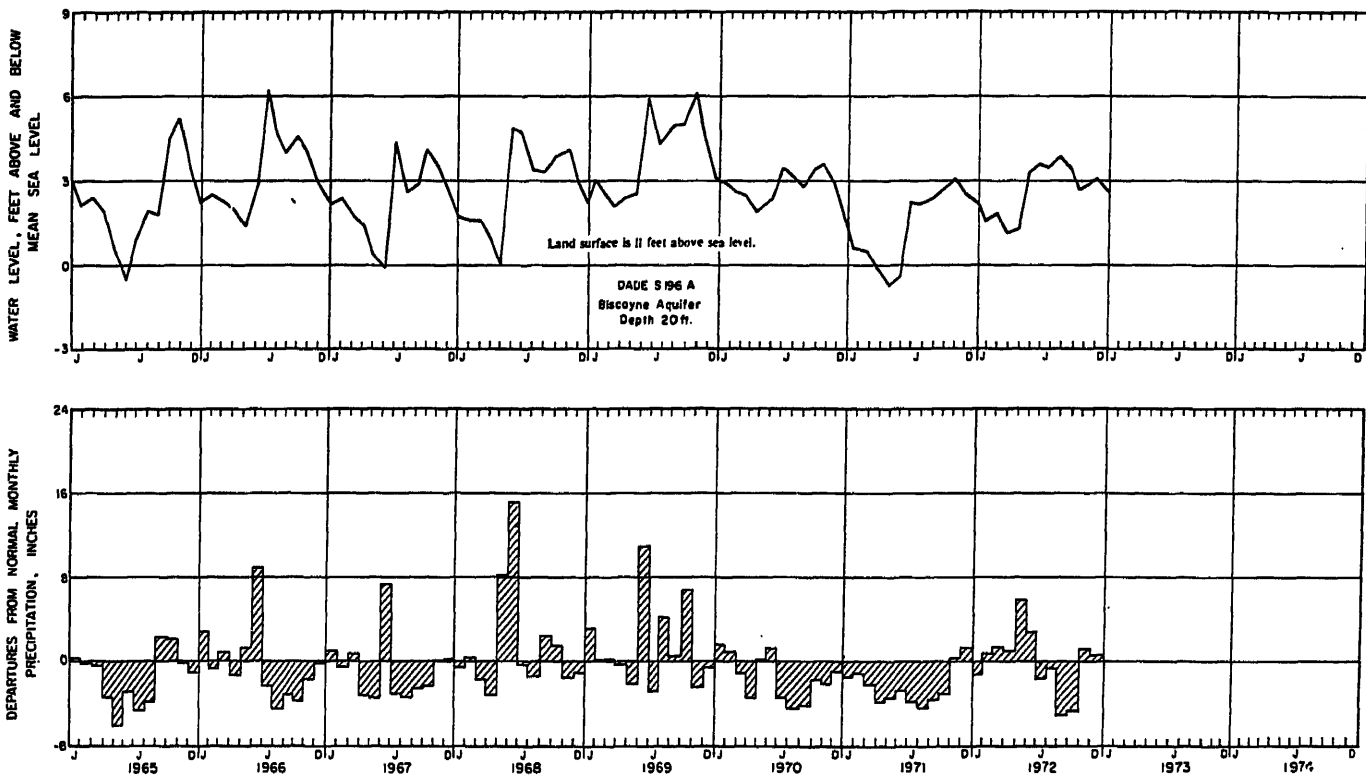


Figure 50. Trends and fluctuations of end-of-month water levels in well Dade S196A and departures from monthly normal precipitation at the University of Florida Experiment Station, Homestead, 1965-72.

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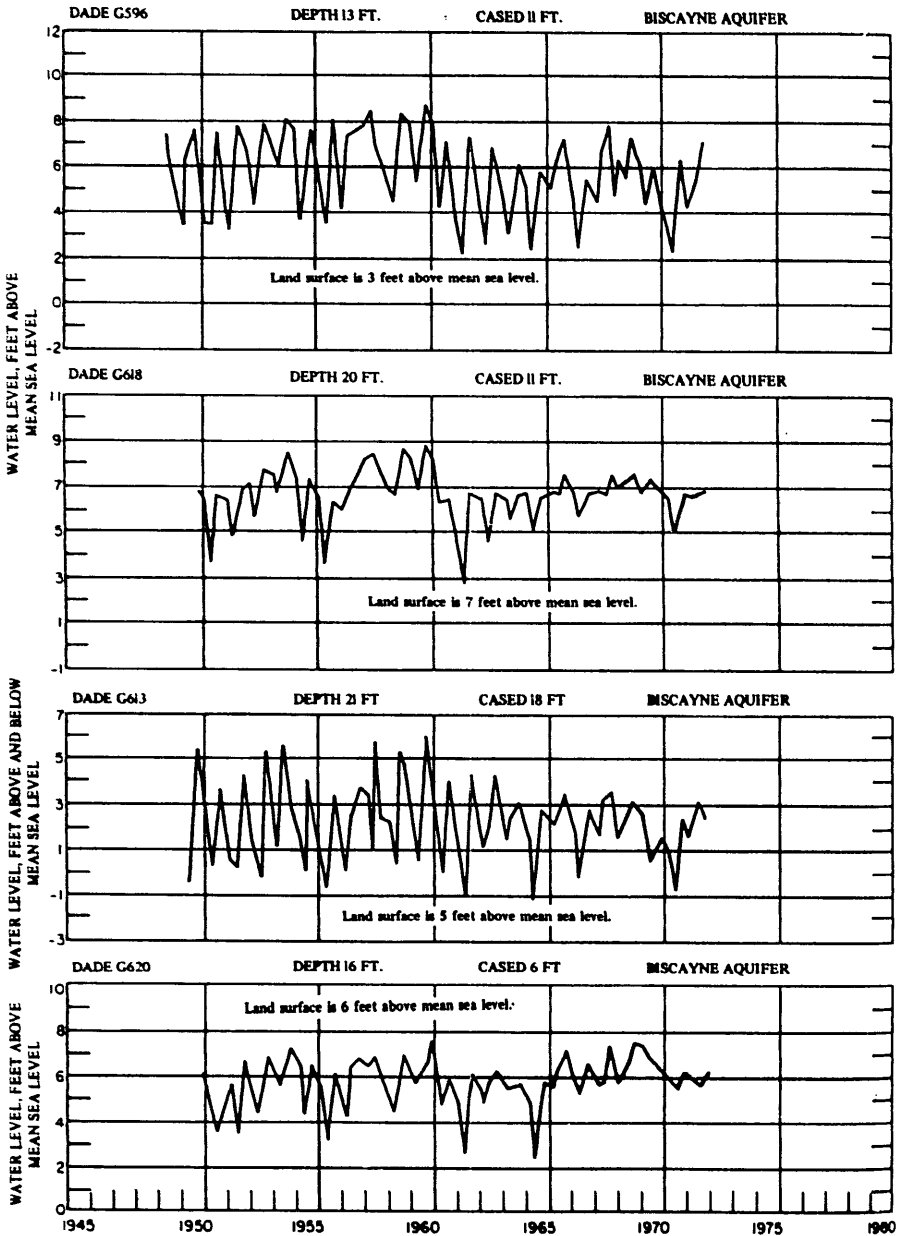


Figure 51. Trends and fluctuations of water levels in wells Dade G596, G618, G613, and G620 in central Dade County.

MIAMI AREA

The Miami area includes Broward and Dade Counties and is the most populous area in the State. The principal source of water supply is the Biscayne Aquifer (fig. 1).

The locations of selected observation wells in the Miami area for which hydrographs are given are shown by figure 39.

Water-level measurements were made in well Dade S196A as early as 1933 at the University of Florida Experiment Station at Homestead. The long-term record of water-level fluctuations at Homestead is shown in figure 46. Figure 50 shows trends of water levels and departure from normal monthly rainfall recorded at the Experiment Station, 1965-72.

Except for the relatively narrow coastal strip, most of the Miami area is occupied by the Everglades. Fluctuations of ground-water levels in the Everglades are shown by hydrographs of wells Collier 54 and 131 (fig. 41) and wells Dade G596, G618, G613, and G620 in central Dade County (fig. 51).

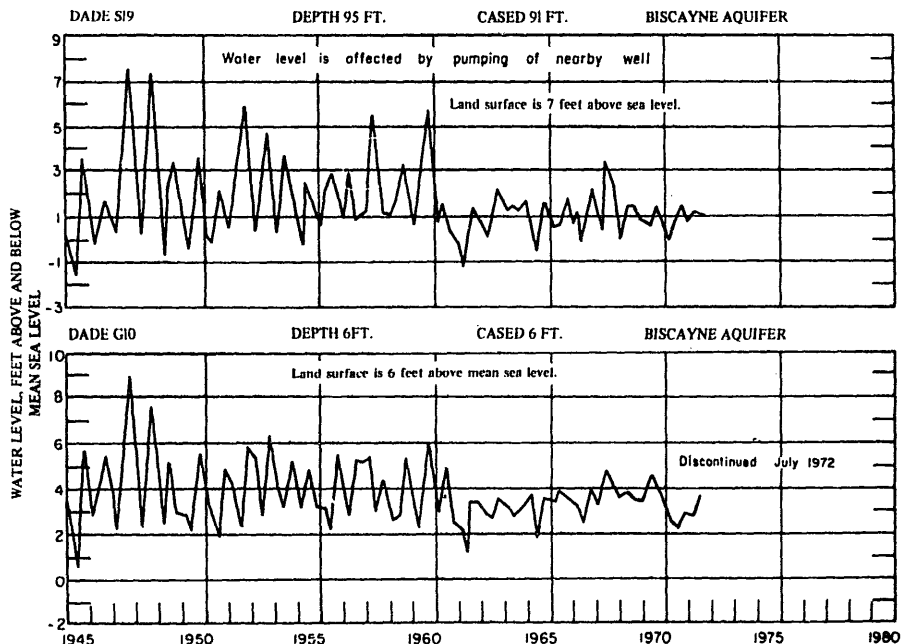


Figure 52. Trends and fluctuations of water levels in wells Dade S19 and G10 near Miami.

During early 1971, levels declined in most of the Everglades. Declines, which ranged from less than 1 foot to nearly 2 feet, were the result of rainfall deficiencies during most of 1971. The yearly rainfall at Homestead was 27.49 inches below normal during 1971.

In the vicinity of Miami, fluctuations of ground-water levels in the Biscayne Aquifer are illustrated by hydrographs of wells Dade G10 west of Miami, Dade S19 at Miami Springs (fig. 52), and well Dade F179 at Miami (fig. 46). The water level in well Dade S19 is affected by pumping in the city of Miami municipal well field. Total yearly pumpage for the city of Miami is shown in figure 54.

Generally, the chloride content of water from the Biscayne Aquifer increased slightly during 1971 then decreased during 1972. In northern Dade County, chloride content of water from well Dade S68 at Miami Springs well field near Miami increased to 90 mg/l in 1971 then decreased to about 30 mg/l during 1972. The chloride content of water from well Dade D151, in north Miami, decreased from 28 mg/l to 10 mg/l during 1971-72 (fig. 53). The chloride content of water from wells Dade F296 (fig. 47) and Dade S529 (fig. 53) increased slightly in 1971 then decreased during 1972.

In southern coastal Dade County as in other coastal areas, the presence of salt water in an aquifer is signalled by high chloride content of the ground water. Sea water is contained in the seaward reaches of the Biscayne Aquifer and some encroachment of sea water into the aquifer has occurred through the years.

In the Miami area, encroachment of salt water into the Biscayne Aquifer is an ever-present problem. In some places through intensive practice of water control, salt-water encroachment has been prevented. In other areas, where encroachment already existed, the situation has been relieved by water control. The effectiveness of the method of control is graphically illustrated by the chloride graph of well Dade S529 (fig. 53). Chloride content in water from this well decreased from nearly 3,000 mg/l in 1947 to less than 500 mg/l in 1964 and has remained at about 1,000 mg/l through 1972.

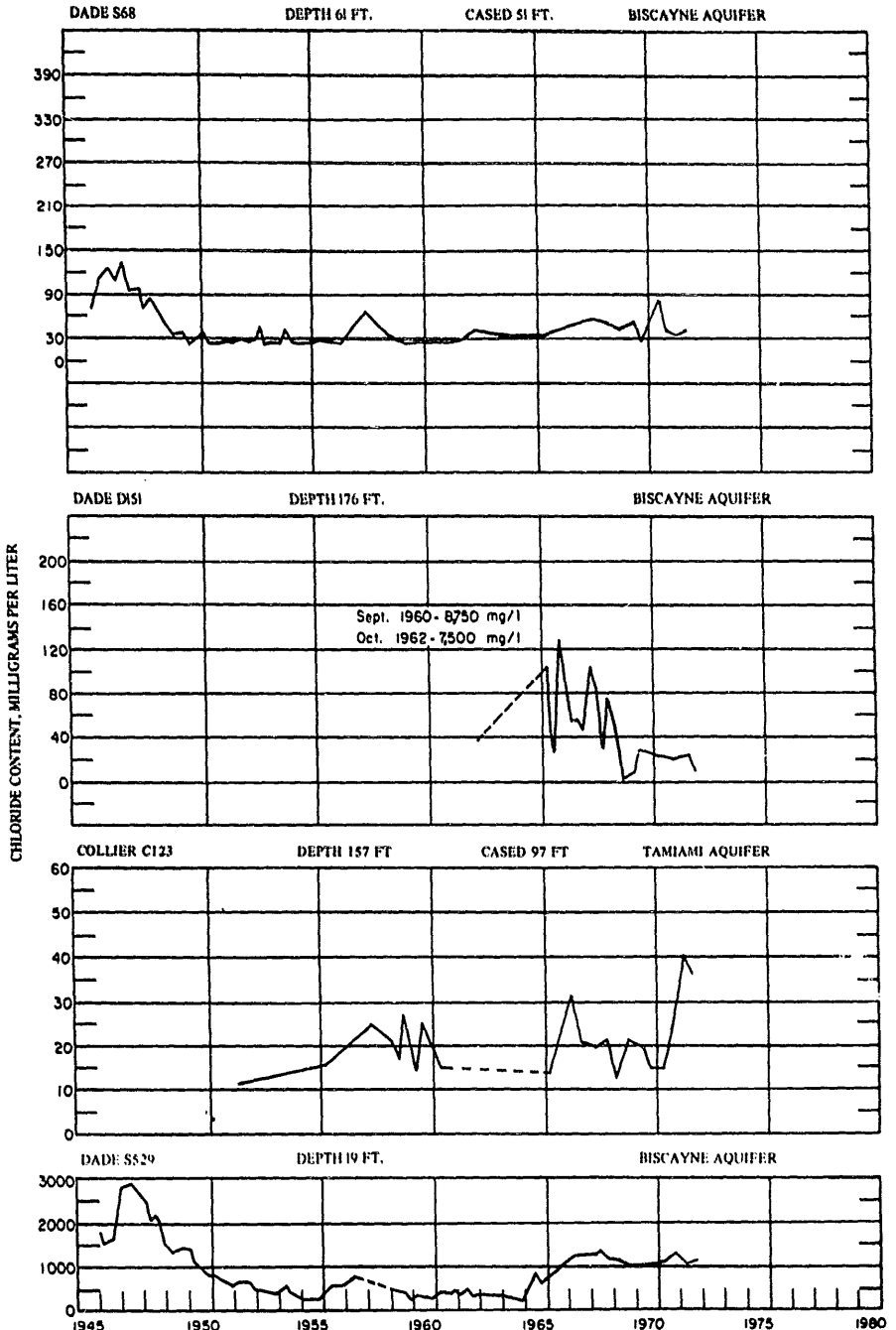


Figure 53. Changes in chloride content of water in wells Dade S68 at Miami Springs, Dade D151 at North Miami Beach, Collier C123 near Naples, and S529 in southeastern Dade County.

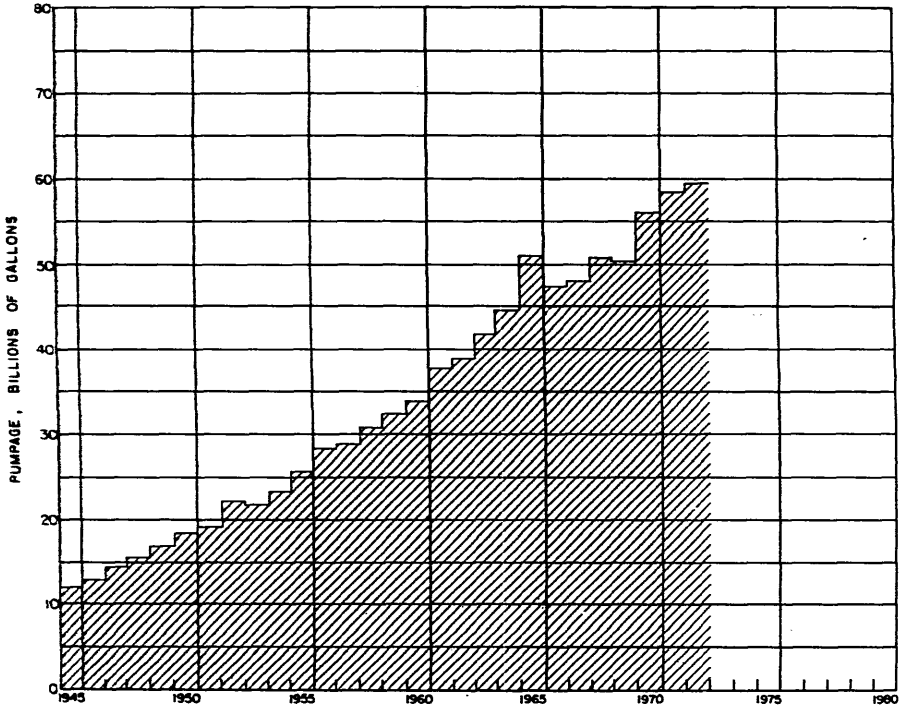


Figure 54. Total yearly pumpage, Miami.

INFORMATION CIRCULAR NO. 85

Table 1.—Summary of well data and water levels in observation wells.

Well number: For explanation of well numbers see page 8.
 Aquifer: B, Biscayne; F, Floridan; G, sand-and-gravel; H, Hawthorn; L, Caloosahatchee; M, Miocene; NA, non-artesian; O, Oldsmar; P, Pleistocene; S, shallow sand; T, Tamiami.
 Depth of well: measured unless otherwise noted. R, reported depth.
 Frequency of measurement: Refers to current biennium. A, annually; B, bimonthly; C, continuous; I, intermittent; M, monthly; S, semiannually; T, triannually; W, weekly.
 Water level: To hundredths of a foot if measured by wet-tape method or taken from recorder chart; to nearest tenth of a foot if measured by pressure gage or airline.
 Remarks: B, water level below measuring point; D, measurements discontinued on date shown; L, lowest water level; M, water level with reference to mean sea level; P, water level affected by pumping of nearby wells; R, recorder installed year shown; S, water level affected by seasonal or regional pumping; T, water level affected by ocean tides.

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (Year)	Low (Year)	1971	1972	1970-1971	1971-1972	
ALACHUA COUNTY												
293620N0823620.1 936-236-1	F	252	136	1958	C	-20.49 1965	-31.68 1963	-28.00	-26.36	-3.58	+1.64	
294207N0821632.1 942-216-1	F	447R	175	1957	B	-87.36 1966	-94.73 1968	-93.08	-92.95	-4.44	+0.13	P
294928N0823553.1 949-235-2	F	300R	250	1960	B	-36.30 1966	-44.33 1969	-38.33	-37.39	+0.83	+0.94	
BAKER COUNTY												
301106N0822723.1 011-227-1	S	13	18	1958	B	+ 0.17 1959	- 5.21 1962	- 2.88	- 1.10	-0.46	+1.78	
301423N0822611.1 014-226-1	F	168	—	1957	A	-94.14 1965	-103.16 1968	-102.17	-99.73	-4.75	+1.44	
302610N0821430.1 026-214-1	H	198	102	1960	B	-14.98 1964	-20.78 1968	-21.27	-17.57	-3.28	+3.70	P
301534N0821620.1 015-216-200	F	825	282	1963	B	-94.29 1965	-102.42 1968	-101.46	-99.78	-4.08	+1.68	
302620N0821735.1 026-217-300	F	905	417	1963	B	-55.16 1965	-63.57 1968	-62.58	-61.45	-3.69	+1.13	
BAY COUNTY												
301006N0854135.1 7 (010-541-1)	F	253	—	1936	B	-24.10 1968	-78.36 1963	-24.30	-25.13	+1.00	-0.83	
302351N0852611.1 68 (023-526-223a)	F	160	161	1961	B	+ 4.50 1965	+ 1.6 1963	+ 3.21	+ 2.58	-0.11	-0.63	P
295645N0852439.1 64 (956-524-1)	F	497R	424	1962	B	- 5.98 1965	-16.70 1970	- 8.21	-10.22	+8.49	-2.01	
300347N0853455.1 003-534-113	F	645R	345	1962	B	-23.65 1960	-87.90 1967	-22.63	-22.47	0.00	+0.16	
301250N0854128.1 012-541-213	F	345R	326	1962	M	+ 0.26 1967	-10.56 1963	- 1.00	- 0.73	-0.06	+0.27	
301210N0855054.1 012-550-331a	F	590R	306	1962	B	-25.71 1962	-31.92 1968	-31.00	-33.97	+0.44	-2.97	
301550N0853558.1 015-535-113	F	509	213	1962	B	+ 3.7 1964	+ 0.17 1963	+ 2.44	+ 2.79	+0.59	+0.35	
301626N0855925.1 016-559-411	F	482	—	1961	B	-10.36 1962	-10.93 1963	—	—	—	—	D, 1971.

BUREAU OF GEOLOGY

Table 1. -- Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (Year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)					Remarks	
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June		1971	1972	1970- 1971		1971- 1972
						High (year)	Low (year)					
BRADFORD COUNTY												
100020N0821030.1 000-210-2	F	294	247	1959	B	-69.22 1959	-76.94 1968	-76.20	-74.57	-4.27	+1.63	
BREVARD COUNTY												
273953N0804348.1 759-043-2	F	447R	125	1934	B	+ 28.7 1947	+13.1 1968	+19.0	+19.6	0.0	+0.6	B
273953N0804317.1 21 (759-043-1)	S	9	10	1958	S	- 3.5 1964	- 7.2 1962	- 5.61	- 4.40	-0.69	+1.21	
280730N0807900.1 807-079-2	S	30	29	1958	C	- 6.03 1966	- 8.4 1962	- 6.81	- 5.58	-0.22	+1.23	
281400N0804080.1 814-048-2	S	8	8	1958	C	- 0.0 1964	- 3.1 1961	- 1.92	---	---	---	D, 1971
282243N0804716.1 822-047-2	F	129	114	1955	C	+ 7.82 1960	+ 0.48 1968	+ 0.55	+ 3.29	+1.96	-2.74	
282250N0804600.1 822-046-7	S	32	30	1955	B	- 3.81 1966	- 5.36 1967	---	---	---	---	D, 1971
282204N0805143.2 822-051-1	F	553	138	1955	S	+ 19.2 1970	+13.8 1968	+12.2	+13.1	-7.0	+0.9	
282204N0805143.2 822-051-2	F	553	138	1955	S	+ 20.4 1970	+16.0 1968	+14.2	+15.8	-6.2	+1.6	
283403N0805945.1 159 (834-059-1)	F	210	144	1957	S	+ 13.8 1970	+ 7.6 1968	+11.0	+11.2	-2.8	+0.2	
283644N0805749.1 836-057-3	F	247	98	1957	S	+ 15.3 1969	+ 9.2 1968	+11.3	+12.0	-0.8	+0.7	
284351N0805239.1 843-052-1	F	150	85	1967	B	- 12.74 1970	-17.02 1960	---	---	---	---	D, 1971
BROWARD COUNTY												
260010N0800850.1 8291	B	107	---	1948	C	+ 5.15 1970	+ 0.4 1952	+ 1.53	+ 3.53	-3.62	+2.00	H
260543N0800820.1 G561	B	20	20	1948	C	+ 4.29 1967	+ 0.2 1956	+ 1.15	+ 4.83	-2.97	+3.68	H
261710N0801250.1 G616	B	24	19	1952	C	+12.90 1957 & 1958	+ 8.72 1956	+10.48	+12.64	-1.08	+2.16	H
260515N0802021.1 G617	B	29	28	1950	C	+ 6.6 1954	+ 2.57 1962	+ 4.69	+ 4.68	-1.41	+4.31	H
261158N0800951.1 G820A	B	224	215	1956	C	+ 5.42 1968	- 3.15 1965	- 0.20	+ 4.11	+0.90	+4.31	H
261434N0800719.1 G853	B	22	21	1960	C	+ 6.20 1965	+ 1.43 1968	- 1.36	+ 3.52	-3.36	+4.88	H
260655N081223.1 S324	B	68	---	1940	C	+ 5.5 1955	- 0.28 1965	+ 0.73	+ 4.36	-2.07	+3.63	H
261143N0801211.1 G123G	B	197	187	1969	C	+ 7.83 1966	- 1.57 1967	- 2.80	+ 6.88	-5.85	+4.08	H
CALHOUN COUNTY												
302836N0830247.1 I (028-302-1)	F	212	36	1961	S	- 0.43 1964	- 6.06 1968	- 3.21	- 4.74	+0.79	-1.47	

Table 1.-- Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or Observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
CALHOUN COUNTY (continued)												
302649N0850939.1 7 (026-309-1)	F	188R	64	1961	S	+ 10.6 1964	+ 6.6 1970	+ 8.4	+ 5.52	-1.8	-2.88	
301437N0851149.1 11 (014-511-1)	F	147R	47	1961	S	+ 13.9 1965	+ 6.8 1969	+ 11.8	+11.0	+0.7	-0.8	
CHARLOTTE COUNTY												
264611N0815554.1 646-155-331A	II	195	141	1968	B	---	---	+ 1.78	+ 2.40	-1.62	+0.62	
265124N0814325.1 651-143-411	T	80	60	1969	B	- 4.95 1970	---	= 6.30	= 4.95	-1.35	+1.35	
265124N0814537.1 651-145-322	II	235	212	1968	B	---	---	- 5.24	- 4.74	---	+0.50	
265124N0814537.2 651-145-322A	L	44	42	1969	B	---	= 3.60 1970	- 2.23	- 2.37	+1.37	-0.14	
265138N0820022.1 651-200-232	T	125	84	1967	C	= 8.72 1968	=29.68 1967	-23.90	-12.13	-0.20	+11.77	
265124N0820124.1 651-201-411	F	1300	---	---	B	---	---	+39.00	+38.2	---	+0.8	
265646N0815545.1 656-155-123	II	280	194	1968	B	---	---	+ 4.28	+ 4.60	---	+0.32	
265646N0815545.2 656-155-123A	NA	25	21	1969	B	---	---	= 7.50	= 6.48	---	+1.02	
265922N0820456.1 659-204-313	II	156	128	---	B	= 5.40 1966	=19.38 1966	-11.53	-21.48	+3.67	-9.95	
270133N0820346.1	II	350	312	1967	B	+25.0 1966	+22.5 1967	+20.6	+22.0	-1.2	+1.4	
270133N0820346.2	NA	89	84	1967	B	= 3.89 1966	= 6.60 1967	= 6.30	= 5.31	-0.52	+0.99	
CITRUS COUNTY												
284339N0822704.1 843-227-242	F	168	168	1966	B	-22.20 1970	-25.39 1968	-24.14	-23.51	-1.94	+0.63	
284339N0822704.2 843-227-242A	NA	41	36	1966	B	-22.79 1970	-25.89 1968	-24.76	-24.10	-1.97	+0.66	
284317N0823306.1 843-233-424	F	176	166	1966	C	= 1.83 1970	= 3.95 1968	- 2.90	- 2.55	-0.85	+0.35	
284317N0823306.2 843-233-424A	F	46	40	1966	B	= 2.05 1970	= 3.69 1968	- 2.99	- 2.55	-0.94	+0.44	
284442N0823315.1 844-233-241	NA	24	---	1970	A	---	---	- 3.68	- 3.29	-0.84	+0.39	
284508N0821746.1 845-217-332	F	400	200	1961	B	-34.60 1966	-38.19 1968	-36.52	-35.13	-1.83	+1.39	
284551N0823453.1 845-234-113	F	99	82	1966	B	- 1.92 1970	- 2.75 1968	- 2.33	- 2.02	-0.41	+0.31	
284547N0823612.1 845-236-223	F	53	40	1966	B	= 3.99 1968 & 1970	= 4.37 1968	- 4.20	- 3.88	-0.21	+0.32	
284532N0823710.1 845-237-243	F	45	39	1966	B	= 2.49 1966	= 3.13 1968	- 2.91	- 2.48	-0.06	+0.43	

BUREAU OF GEOLOGY

Table 1. — Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (Year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)					Remarks	
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970- 1971		1971- 1972
CITRUS COUNTY (continued)												
284705N0822701.1 847-227-444	F	63	59	1966	B	-48.60 1970	-53.53 1967	-30.38	-49.44	-2.38	+0.94	
284801N0821517.1 848-233-434	F	50	44	1964	H	- 3.02 1966	- 4.30 1969	- 4.16	- 4.12	-0.18	+0.04	
284958N0821904.1 849-219-222	F	48	45	1964	B	- 5.05 1966	- 8.10 1968	- 6.60	- 5.59	-0.40	+1.01	
284964N0821118.1 849-231-214	F	46	34	1966	B	-14.61 1966	-17.58 1968	-16.39	-16.12	-0.81	+0.27	
285056N0821630.1 850-216-122	F	37	34	1964	B	---	---	- 8.69	- 7.97	-0.06	+0.72	
285026N0821741.1 850-217-321	F	40	40	1964	B	-13.08 1966	-15.40 1968	-13.99	-13.07	+0.50	+0.92	
285020N0823633.1 850-236-313	F	41	39	1966	B	- 1.79 1966	- 2.32 1968	- 1.43	- 1.77	+0.39	-0.36	
285010N0823840.1 850-238-341	F	55	48	1966	B	- 2.00 1969	- 2.45 1968	- 2.32	- 2.10	-0.23	+0.22	
285102N0823610.1 851-236-443	F	75	60	1966	B	- 1.96 1966	- 3.28 1968	- 2.75	- 2.72	-0.23	+0.03	
285102N0822040.1 851-220-340	F	450	290	1961	C	---	---	-11.60	-10.65	---	+0.95	
285101N0821358.2 851-213-333	F	31	22	1964	B	- 8.56 1966	-12.14 1968	- 9.74	- 8.93	-0.83	+0.81	
285254N0823230.1 852-232-211	F	30	20	1966	B	- 3.56 1970	- 5.57 1968	- 4.38	- 5.22	-1.62	-0.86	
285248N0823518.1 852-233-214	F	123	112	1964	B	- 4.20 1970	- 5.63 1967	- 4.44	- 4.70	-0.24	-0.26	
285414N0822842.1 854-228-341	F	335	288	1966	C	-62.24 1970	-64.80 1968	-63.95	-63.23	-0.45	+0.72	
285414N0822842.2 854-228-341A	--	78	55	1966	B	-62.92 1970	-64.89 1968	-63.99	-65.79	-1.07	-1.80	
285421N0823616.1 854-236-414	F	53	3	1966	C	- 1.31 1966	- 4.63 1968	- 4.17	- 2.93	-0.04	+1.24	
285421N0823616.2 854-236-414A	F	176	162	1966	B	- 3.50 1966	- 5.07 1969	- 4.72	- 4.48	-0.25	+0.24	
285608N0822334.1 856-223-342A	F	91	---	1961	B	-41.46 1970	-48.58 1963	-46.23	-44.76	-4.77	+1.47	
285701N0823432.1 857-234-433	F	31	23	1966	B	---	---	-10.67	-10.60	-1.12	+0.07	
285737N0824006.1 857-240-244	F	88	67	1966	B	- 3.10 1966	- 5.35 1968	- 3.17	- 3.20	+0.16	-0.03	
285737N0824130.1 857-241-233	F	47	42	1966	B	- 2.12 1970	- 3.25 1967	- 1.85	- 2.43	+0.32	-0.58	
285736N0824230.1 857-242-233	F	70	60	1966	B	- 5.50 1970	- 7.20 1966	- 5.14	- 6.15	+0.36	-1.01	
290211N0822841.1 15 (902-228-341)	F	78	---	1935	B	- 8.62 1959	-19.87 1963	-13.98	-15.43	-2.76	+1.45	

Table J.-- Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or Observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
CLAY COUNTY												
300649N0814859.1 5 (006-148-2)	F	330R	157	1940	8	+35.5 1947	+19.7 1957	+19.9	+21.5	-1.6	+1.6	
294807N0820209.1 948-202-6	H	144	80	1960	B	-45.33 1960	-52.09 1969	-49.14	-48.72	-2.66	+0.42	
294807N0820209.2 948-202-7	NA	43	40	1960	B	-28.21 1965	-37.51 1969	-32.37	-31.96	-2.60	+0.41	
294807N0820209.3 948-202-8	F	250	193	1960	C	-55.02 1961	-60.63 1968	-58.58	-55.47	-2.63	+3.11	
COLLIER COUNTY												
261008N0805230.1 C 5A	P	9	8	1951	C	+13.1 1958	+ 8.05 1962	+12.88	---	+0.32	---	M
262521N0811619.1 C 131	T	54	22	1952	C	+26.2 1958	+20.90 1962	+23.50	+23.13	-1.11	-0.37	M
261802N0813440.1 C 271	H	38	---	1959	C	+17.43 1963	+11.80 1969	+12.97	+13.94	-0.63	+0.97	M
260640N0812043.1 C 296	T	45	---	1959	C	-11.91 1968	+ 7.35 1962	+12.20	+10.84	+0.60	+1.36	M
260630N0814116.1 C 381	NA	60	12	1963	C	+ 9.62 1968	+ 4.40 1965	+ 7.78	+ 6.45	-1.64	-1.33	M
261053N0814307.1 C 382	NA	60	13	1963	C	+10.85 1966	+ 4.15 1964	+ 6.72	+ 7.19	-2.84	+0.47	M
261537N0813902.1 C 383	NA	24	12	1963	C	+12.80 1968	+ 6.48 1967	+ 9.49	+11.48	-1.67	+1.99	M
261620N0814507.1 C 384	NA	60	12	1963	C	+11.70 1966	+ 5.43 1967	+ 6.70	+11.85	-0.73	+5.15	M
261124N0814703.1 C 391	T	80	---	1964	G	+ 5.05 1968	+ 0.20 1964	+ 0.58	+ 3.95	-4.68	+3.37	M
261124N0814701.1 C 392	NA	32	---	1964	G	+ 7.32 1966	- 0.15 1965	- 4.32	- 7.98	-3.66	+3.66	M
262505N0812453.1 C 258	F	783	---	1959	A	+54 1959	---	---	+55	---	---	M
255121N0812316.2 C 4	F	463	377	1965	A	---	---	---	+30.3	---	---	M
260919N0811559.1 C 308	F	700	581	1959	A	+53 1961	+38 1970	---	+32.5	---	---	M
255600N0812800.1 C 269	F	392	300	1959	A	+36.5 1959	+35.5 1970	+33.5	+36.5	-2.0	+3.0	M
255430N0812210.1 C 311	F	---	---	1961	A	+41.5 1961	+20 1970	+25	+30	+5	+5	M
COLUMBIA COUNTY												
301031N0823810.1 9 (010-238-1)	F	836R	680	1942	C	-79.60 1948	-97.02 1957	-92.69	-90.92	-3.08	+1.77	
DADE COUNTY												
255000N0810300.1 F45	B	85	---	1939	C	+ 6.05 1968	+ 1.6 1960	---	---	---	---	M

BUREAU OF GEOLOGY

Table 1.—Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
DADE COUNTY (continued)												
254444N0810448.1 F179	B	77	—	1939	C	+ 6.0 1958	+ 0.9 1945	+ 1.87	+ 3.61	-0.65	+1.74	M
255058N0810558.1 F240	B	60	—	1939	C	+ 8.48 1968	+ 1.23 1965	—	—	—	—	D, 1970 Replaced by F239
254217N0801718.1 F319	B	17	13	1940	C	+ 5.40 1958	+ 0.47 1945	+ 2.10	+ 4.01	-1.50	+2.51	M
252829N0802851.1 F158	B	54	—	1940	C	+ 6.70 1954	- 0.04 1962	+ 2.47	+ 4.49	+0.09	+2.02	M
254950N0801308.1 G3	B	20	11	1940	C	+ 4.10 1958	- 1.42 1965	+ 0.40	+ 1.79	-1.00	+1.39	M
254605N0802059.1 G10	B	6	6	1940	C	+ 6.00 1958	+ 0.50 1945	+ 3.62	+ 4.28	-0.95	+0.66	M
254332N0802008.1 G39A	B	6	6	1939	C	+ 7.20 1958	+ 0.94 1962	+ 2.87	+ 4.02	-0.56	+1.15	M
253902N0802019.1 G533	B	91	79	1947	C	+ 8.60 1958	+ 0.97 1962	+ 2.64	+ 5.73	-2.55	+3.09	M
254000N0801810.1 G580A	B	22	4	1960	C	+ 4.84 1961	+ 0.95 1962	+ 2.12	+ 4.49	-2.69	+2.37	M
253937N0803040.1 G596	B	13	11	1949	C	+ 8.40 1958	+ 2.11 1962	+ 3.55	+ 6.80	-0.77	+3.25	M
252425N0803200.1 G613	B	21	18	1950	C	+ 5.50 1954 & 1958	- 0.98 1962	+ 2.41	+ 3.27	+1.87	+0.86	M
253258N0802043.1 G614	B	20	18	1950	C	+ 8.20 1958	+ 0.37 1962	+ 2.13	+ 4.98	-0.28	+2.85	M
253008N0801618.1 F239	B	53	—	1939	C	—	—	+ 1.61	+ 2.45	-0.14	+0.84	M; R, 1969
251922N0803407.1 G1251	B	59	5	1965	C	+ 2.80 1966	+ 1.55 1965	+ 2.12	+ 2.58	-0.38	+0.46	M
252947N0802352.1 G1270	B	27	3	1965	C	+ 5.20 1968	- 0.55 1965	—	+ 3.67	—	—	M; R, 1971
253006N0801723.1 G1280	B	49	40	1966	C	+ 2.60 1968	- 1.27 1968	+ 0.05	- 0.54	+0.05	-0.59	M
253006N0801723.2 G1281	B	14	12	1966	C	+30.3 1968	- 1.45 1968	+ 0.82	+ 0.20	+0.04	-0.62	M
254940N0801720.1 G1282	B	57	57	1966	C	+ 0.35 1968	- 4.57 1968	- 2.23	- 2.14	-0.38	+0.09	M
254940N0801720.2 G1283	B	14	10	1966	C	+ 0.45 1968	- 4.63 1968	- 2.11	- 2.38	+0.56	-0.27	M
254720N0802330.1 G1359	B	33	11	1968	C	—	—	+ 4.35	+ 5.50	-1.35	+1.15	M
254156N0802351.1 G1361	B	33	11	1968	C	—	—	+ 1.76	—	-2.69	—	M
253630N0802648.1 G1362	B	33	11	1968	C	—	—	+ 2.34	—	-3.16	—	M
253233N0803010.1 G1363	B	33	11	1968	C	—	—	+ 2.40	+ 3.95	-2.45	+1.55	M

Table 1.-- Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
DADE COUNTY (continued)												
254600N0803500.1 G618	B	20	11	1950	C	+ 8.40 1968	+ 2.56 1962	+ 6.19	+ 6.36	-0.70	+0.67	M
253920N0804610.1 G620	B	16	6	1950	C	+ 7.0 1958	+ 3.21 1965	+ 6.00	+ 6.30	-0.91	+0.30	M
253537N0802844.1 G757A	B	20	10	1957	C	+ 9.30 1958	+ 1.47 1965	+ 2.37	+ 5.61	-1.52	+3.24	M
252928N0803324.1 G789A	B	20	10	1956	C	+ 7.30 1958	- 0.04 1965	- 6.54	- 4.08	-0.09	+2.46	B
254202N0802326.1 G799	B	20	10	1956	C	+ 7.80 1958	+ 1.65 1962	+ 2.78	+ 3.93	-1.72	+1.15	M
255813N0801545.1 G851	B	18	11	1959	C	+ 6.25 1966	+ 1.80 1959	+ 3.16	+ 3.06	-2.14	-0.10	M
255437N0801032.1 G852	B	20	10	1959	C	+ 5.08 1968	+ 0.40 1959	+ 2.78	+ 2.99	-1.92	+0.21	M
254038N0802802.1 G855	B	20	10	1958	C	+10.05 1966	+ 5.30 1962	+ 2.95	+ 5.33	-2.75	+2.38	M
253854N0802428.1 G858	B	20	11	1959	C	+ 6.95 1966	+ 1.82 1962	+ 3.25	+ 5.15	-1.55	+1.90	M
253715N0801423.1 G860	B	20	11	1959	C	+ 5.0 1960	+ 1.10 1965	+ 2.54	---	-0.96	---	M
252612N0803007.1 G864	B	20	11	1959	C	+ 6.23 1966	- 1.00 1965	+ 2.54	+ 5.65	+0.04	+3.11	M
254126N0800958.1 G865	B	19	13	1959	C	+ 2.59 1968	+ 0.9 1960	+ 1.34	+ 2.42	-0.36	+1.08	S
255600N0802700.1 G968	B	50	---	1960	C	+ 6.40 1970	+ 3.05 1962	+ 3.78	+ 5.78	-2.62	+2.00	M
255709N0802237.1 G970	B	15	10	1958	C	+ 4.82 1968	+ 2.18 1962	+ 3.30	---	---	---	M
255522N0802614.1 G972	B	15	10	1958	C	+ 6.82 1968	+ 3.50 1962	+ 4.00	+ 5.41	---	+0.41	M
254112N0801623.1 G973	B	18	---	1958	C	+ 4.5 1960	+ 1.68 1962	+ 3.12	---	---	---	M
255207N0802413.1 G974	B	15	10	1958	C	+ 6.10 1968	+ 2.68 1962	+ 3.58	+ 5.60	-1.72	+2.02	M
255208N0802740.1 G975	B	15	10	1958	C	+ 7.15 1968	+ 4.10 1965	- 4.86	+ 7.03	-1.64	+2.17	M
255023N0802023.1 G976	B	15	10	1958	C	+ 6.83 1968	+ 2.90 1962	+ 4.92	+ 5.83	-0.98	+0.91	M
254903N0802058.1 G1165	B	18	11	1961	C	+ 5.19 1968	+ 1.45 1962	+ 3.38	+ 4.49	-1.22	+1.11	M
255342N0801955.1 G1166	B	18	11	1961	C	+ 6.85 1966	+ 3.99 1965	+ 2.79	+ 3.17	-1.51	+0.38	M
252918N0802342.1 G1183	B	47	---	1961	C	+ 5.18 1966	- 1.00 1962	+ 1.95	---	-1.85	---	M
255326N0801430.1 818	B	52	---	1939	C	+ 3.2 1942	+ 0.10 1945	+ 2.27	+ 2.94	-1.74	+0.67	M

BUREAU OF GEOLOGY

Table 1.-- Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or Observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
DADE COUNTY (continued)												
254812N0801750.1 S19	B	95	91	1939	C	+ 7.3 1958	- 1.30 1962	+ 2.55	+ 2.14	-0.45	-0.41	M
254817N0801711.1 S68	B	61	51	1940	C	+ 3.2 1958	- 3.54 1970	+ 1.81	+ 1.01	+5.35	-0.80	M
253349N0802141.1 S182A	B	51	---	1940	C	+ 9.5 1958	0.0 1945	+ 2.43	+ 3.80	---	+1.37	M
253024N0802456.1 S196A	B	20	---	1932	C	+ 8.5 1958	- 1.0 1945	+ 2.13	+ 4.85	-0.22	+2.72	M
254207N0802003.1 G595A	B	18	17	1969	C	---	---	---	---	---	---	
251811N0801504.2 G1502	B	31	11	1970	C	---	---	- 5.03	- 2.20	---	+2.83	B
251012N0802014.1 G1486	B	20	---	1970	C	---	---	-11.70	- 9.75	-1.20	+1.95	B; R, 1970
254054N0802994.1 G1487	B	20	---	1970	C	---	---	- 5.42	---	-2.12	---	B; R, 1970
254830N0802842.1 G1488	B	20	---	1970	C	---	---	- 4.26	- 3.09	-1.56	-1.17	B; R, 1970
254409N0802457.1 G1520	B	30	11	1971	C	---	---	---	---	---	+5.10	M; R, 1971
252255N0803611.1 NP 100	F	1333	620	1965	I	+40.2 1965	---	+40.3	+41.5	+10.3	+1.2	M
254123N0801032.1 S 993	F	957	---	1951	A	+37.6 1951	---	+37.9	+39.5	+1.6	---	M
254134N0802103.1 I 1	F	2947	1810	1969	A	---	---	+42.1	+37.3	0.0	-4.8	M
DEBOTO COUNTY												
270412N0814749.1 704-147-332	F, H	460	112	1963	C	+ 5.26 1962	- 0.38 1970	- 0.47	+ 0.47	-0.09	+0.94	
270401N0815400.1 704-154-444	F	1130	113	1970	A	---	---	+ 4.30	+ 6.30	---	+2.00	
270410N0815652.1 704-156-332	F	1100	---	1970	B	+ 6.70 1970	---	+ 3.15	+ 7.70	-3.55	+4.55	
270411N0820136.1 704-201-342	M	558	167	1965	A	---	---	+12.50	+13.00	0.00	+0.50	
270810N0814412.1 708-144-441	M	535	167	1965	A	---	---	- 9.75	---	---	---	
270932N0815040.1 709-150-143	F	804	80	1957	A	---	---	---	---	---	---	Not flowing 1971-72
271155N0814438.1 711-144-121	H	327	43	1965	A	---	---	-22.72	+ 1.4	---	+24.12	
271246N0814322.1 712-143-214	F	1365	---	1964	B	-20.30 1964	-23.94 1970	-26.90	-25.28	-2.97	+1.62	
271216N0820042.1 712-200-323	H	337	---	1970	A	---	---	- 6.60	- 2.86	-4.05	+3.94	
271308N0815224.1 713-152-431	H	250	84	1965	B	---	---	+ 8.50	+12.50	---	+4.0	

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Table 1.-- Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recoded or observed level in May or June		
						May or June		1971	1972	1970-1971	1971-1972	
						High (year)	Low (year)					
DESOLO COUNTY (continued)												
27131N0815227.1 713-152-431A	H	372	263	1970	B	---	---	+ 1.60	+ 2.90	---	+1.30	
271618N0815909.1 716-159-424	F, H	1260	71	1964	B	-10.22 1962	-17.80 1967	-20.01	-16.82	- 4.76	+3.19	
271746N0814043.1 717-140-4643	F	1248	225	1972	C	---	---	-46.86	-43.50	---	+3.36	
272012N0814825.1 720-148-431	F, H	478	137	1962	C	-10.53 1964	-30.67 1967	-31.19	-23.86	-12.96	+7.33	
272013N0815759.1 720-157-331	F	1100	---	1970	A	-36.41 No date	---	-30.69	-53.03	-14.28	-2.34	
DIXIE COUNTY												
293731N0830618.1 15 (937-306-1)	F	215R	105	1937	S	- 2.77 1959	- 9.12 1962	- 7.16	- 5.30	-2.69	+1.86	
294458N0831428.1 944-314-1	F	96	90	1961	S	- 1.38 1964	- 4.42 1968	- 4.56	- 2.35	-1.73	+2.21	
DUVAL COUNTY												
301844N0814038.1 18 (018-140-1)	F	---	---	1938	M	+39.9 1947	+20.1 1962	+21.7	+24.5	-0.5	+2.8	S
301906N0813325.1 102 (019-133-1)	F	875R	400	1939	S	+ 6.4 1931	-20.94 1962	-21.06	-19.67	-0.40	+1.39	S
301617N0814216.1 115 (016-142-1)	F	729R	476	1930	B	+36.2 1938	+11.6 1962	+14.1	+14.5	+0.9	+0.4	S
301833N0814318.1 118 (018-143-1)	F	900R	---	1939	S	+32.9 1947	+11.9 1962	+12.0	+13.9	-2.3	+1.9	S
302304N0813832.1 122 (023-138-1)	F	905R	571	1930	M	+44.9 1947	+24.1 1968	+23.4	+25.5	-0.9	+2.1	S
301950N0814252.1 123 (019-142-1)	F	1,075R	---	1930	S	+39.0 1931	+14.1 1968	+ 9.5	+14.5	-6.3	+5.0	S
301591N0814157.1 129 (015-141-1)	F	600R	470	1940	S	+40.4 1947	+17.4 1962	+20.0	+20.0	-0.6	0.0	S
302801N0813751.1 143 (028-137-1)	F	---	---	1940	S	+24.2 1947	+ 4.25 1969	+ 2.38	+ 3.93	-3.91	+1.55	S
302441N0813649.1 149 (024-136-1)	F	800R	---	1940	S	+25.7 1947	+ 5.05 1967	+ 3.1	+ 5.48	-4.9	+2.38	S
302351N0813902.1 151 (023-139-1)	F	700R	560	1940	S	+43.4 1952	+31.0 1962	+26.6	+28.0	-5.2	+1.4	S
302747N0813401.1 152 (027-133-1)	F	642R	---	1940	S	+29.9 1952	+17.5 1968	+15.6	+17.0	-3.4	+1.4	S
301401N0813540.1 154 (014-135-1)	F	625R	461	1940	S	+29.6 1947	+10.3 1968	+ 9.9	+11.6	-1.2	+1.7	S
301852N0812342.1 160 (018-123-1)	F	585R	357	1934	B	+41.7 1934	+19.7 1968	+23.1	+25.3	+1.4	+2.2	S; T
302538N0812531.1 164 (025-125-1)	F	840R	450	1930	S	+43.8 1931	+23.7 1968	+23.9	+25.0	-2.2	+1.1	S; T
302608N0813549.1 242 (026-135-1)	F	1,393R	584	1951	S	+37.0 1951	+21.7 1968	+20.3	+21.2	-2.5	+0.9	S; T

BUREAU OF GEOLOGY

Table 1. — Continued

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						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
DUVAL COUNTY (continued)												
102608N0813549.2 263 (026-135-2)	F	1,023R	850	1951	S	+35.5 1952	+22.0 1968	+20.8	+22.6	-2.7	+1.8	S; T
102608N0813549.3 264 (026-135-3)	F	700R	430	1951	S	+35.3 1952	+21.7 1968	+20.7	+21.6	-2.4	+0.9	S; T
1025408N0813610.1 265 (025-136-1)	F	556R	—	1951	S	+39.4 1952	+19.4 1963	+27.5	+28.5	-2.4	+1.0	S; T
101825N0813620.1 76	F	636R	—	1939	A	+ 7.0 1966	+ 0.87 1970	+ 3.30	+ 4.32	+2.43	+1.02	S
101144N0814138.1 126	F	403R	252	1940	A	+24.5 1964	+15.8 1962	+15.2	+17.8	-2.3	+2.6	S
102410N0814435.1 148	F	625R	500	1940	A	+22.9 1964	+17.0 1962	+17.1	+16.1	-2.5	-1.0	S
101112N0814110.1 155	F	1,005R	380	1940	A	+30.9 1964	+24.3 1968	+24.7	+25.9	-2.2	-1.2	S
102002N0813607.1 157	F	690R	560	1940	A	+12.0 1964	+ 5.0 1968	---	---	---	---	D, 1971
101721N0815845.1 254	F	750R	433	1961	A	-25.61 1966	-32.86 1968	-33.41	-30.00	-5.91	+3.41	S
101740N0813610.1 271	F	1,234R	515	1960	A	+25.1 1964	+18.6 1968	+18.3	+19.1	-1.8	+0.8	S
101455N0815355.1 279	F	1,005R	467	1960	A	-23.93 1965	-30.58 1968	---	---	---	---	D, 1971
101255N0813710.1 282	F	650R	—	1961	A	+31.9 1964	+18.6 1962	+22.1	+23.0	+0.2	+0.9	S
101713N0813000.1 298	F	—	—	1961	A	+ 2.20 1964	- 4.16 1968	- 3.56	- 3.02	-1.95	+0.54	S
102307N0812938.1 023-129-143	F	700	426	1966	S	+27.2 1970	+26.1 1969	+25.4	+25.4	-1.8	0.0	S
ESCAMBIA COUNTY												
102300N0871610.1 39 (023-716-2)	G	244	—	1940	M	- 4.59 1940	-15.20 1968	-17.59	-12.18	-7.12	+5.41	
103625N0871920.1 45 (036-719-1)	G	152	129	1940	C	-69.30 1941	-111.82 1956	-102.07	-102.35	+2.52	-0.28	P
103108N0871623.1 46 (031-716-1)	G	239	229	1939	W	-58.09 1948	-82.12 1956	-75.60	-78.95	+2.40	-3.35	
102432N0871517.1 62 (024-715-1)	G	142R	142	1940	M	- 6.50 1949	-23.84 1955	-15.13	-14.70	-2.23	+0.43	
102440N0871520.2 62A (024-715-2)	G	18	18	1940	M	- 8.66 1964	-13.05 1962	-12.15	-11.72	-0.33	+0.43	
103558N0871555.1 73 (035-715-3)	G	306	198	1951	C	-39.03 1953	-60.5 1970	-55.98	-58.80	+ 4.52	- 2.82	P
103610N0871630.1 74 (036-716-1)	G	352	260*	1951	C	-77.37 1952	-92.27 1968	-90.45	-91.68	+1.51	-1.23	P; *screen 260-270 ft; 310-350
103527N0871400.1 83 (035-714-3)	G	301	—	1954	B	-36.10 1955	-45.99 1970	-44.45	-47.29	+1.54	-2.84	P
102658N0871303.1 026-713-5	C	149	144*	1959	W	-58.15 1960	-67.00 1969	-65.81	-66.65	-1.33	-0.84	*Screen 144-149 ft.

Table 1.-- Continued

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						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
BSCANBIA COUNTY (continued)												
302650N0871330.2 026-713-6	G	65	60*	1959	W	-51.78 1960	-60.13 1963	---	---	---	---	D, 1971
30321N0872424.1 032-724-1	G	170	165*	1959	N	-91.18 1960	-94.59 1969	-92.89	-92.12	+0.44	+0.77	*Screen 165-170 ft.
305450N0872640.1 054-726-1	G	206	201*	1959	B	-82.95 1962	-92.80 1969	-87.76	-90.24	+1.05	-2.48	*Screen 201-206 ft.
305450N0872640.2 054-726-2	G	107	102*	1959	B	-65.21 1962	-79.47 1969	-72.45	-75.44	+1.54	-2.99	*Screen 102-107 ft.
FLAGLER COUNTY												
292750N0811520.1 14 (927-115-1)	F	417	---	1936	B	- 3.4 1937	-10.41 1968	= 9.48	= 7.34	-1.23	+2.14	
292820N0812210.1 44 (928-122-1)	F	159	---	1956	B	= 7.67 1959	-18.43 1968	-16.23	-11.67	-2.89	+4.56	F
FRANKLIN COUNTY												
295046N0843943.1 10 (950-439-1)	F	380R	---	1958	S	= 0.35 1964	= 4.45 1962	= 2.58	= 2.79	+0.07	-0.21	
294321N0845855.1 31 (943-458-1)	F	---	---	1949	B	+ 3.95 1950	+ 0.40 1952	+ 1.82	+ 2.32	-0.18	+0.50	
294708N0844607.1 943-453-1	F	---	---	1949	B	+ 6.90 1950 & 1953	+ 4.81 1968	+ 4.59	+ 4.88	-0.91	+0.29	
294708N0844607.1 947-446-1	F	98R	---	1961	S	= 9.67 1964	-11.35 1963	-11.17	-10.33	-1.07	+0.84	
295732N0844307.1 957-443-1	F	---	---	1961	S	+ 4.87 1964	+ 2.97 1962	+ 3.42	+ 3.77	-0.35	+0.35	
GADSDEN COUNTY												
303550N0843450.1 035-434-1	F	406R	---	1961	S	-83.35 1968	-95.84 1969	-94.77	-93.95	-0.95	+0.62	
303939N0842536.1 039-425-1	F	525R	381	1961	B	-134.40 1966	-150.90 1969	-148.21	-148.77	-3.76	-0.56	
GILCHRIST COUNTY												
293633N0824932.2 936-249-220A	F	100	61	1961	B	-28.64 1966	-41.62 1969	-38.38	-37.49	-2.76	+0.89	
294330N0824450.1 943-244-310	F	101	55	1964	C	-14.38 1958	-28.10 1969	-34.33	-23.97	-17.64	+10.36	
GLADES COUNTY												
270540N0810505.1 GL208	F	1,250	---	1958	S	+29.0 1958	+21.0 1970	---	---	---	---	M; D, 1971
270850N0805530.1 GL250	F	1,300	---	1958	S	+32.0 1958	+ 8.6 1970	+17.4	+14.0	+8.8	-3.4	M
271150N0815411.1 GL135	F	600	---	1972	S	---	---	+16.00	---	---	---	M
265529N0811852.1 GL267	F	600	450	1972	S	---	---	+ 3.0	---	---	---	M
264839N0810051.2 GL293	NA	9	5	1964	C	---	---	+11.14	+11.05	-2.19	-0.09	M

Table 1. -- Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970- 1971	1971- 1972	
GULF COUNTY												
294857NOB51808.1 10 (948-518-1)	F	522	475	1946	S	- 7.11 1956	-27.22 1950	-10.41	---	-0.79	---	D, 1972
293954NOB852118.1 13 (939-521-1)	F	595	487	1961	B	+ 1.59 1967	+ 0.96 1963	+ 1.27	+ 1.60	+1.21	+0.33	
HAMILTON COUNTY												
303622NOB10508.1 036-305-1	F	273R	60	1961	B	-8.73 1964	-110.64 1968	-95.48	-97.33	+1.28	-1.85	
HARDEE COUNTY												
272340NOB14754.1 723-147-131	F	760	---	1962	A	---	---	-28.65	- 2.33	-15.38	+19.32	
272524NOB15500.1 725-155-422	F	1,190	100	1970	A	---	---	-65.14	-60.48	---	+4.66	
272743NOB14241.1 727-142-142	F	1,075	137	1962	A	---	---	-24.87	-12.03	-14.68	+12.84	
273040NOB15419.1 730-154-232	F, H	617	110	1964	B	-47.40 1964	-61.20 1965	---	-64.93	---	---	
273103NOB13637.1 731-136-344	F, H	849	66	1964	B	+ 9.0 1963	- 2.32 1970	-14.49	- 6.96	-12.17	+7.53	
273156NOB14514.1 731-145-221	F, H	267	39	1964	C	-29.43 1963	-60.03 1968	-57.71	-45.03	-14.78	+12.68	
273112NOB15956.1 731-159-331	F	1,360	900	1970	A	---	---	-84.75	-87.82	-12.75	-3.07	
273225NOB14932.1 732-149-322	---	547	110	1964	A	---	---	-62.09	-47.93	---	+14.16	
273407NOB20255.1 734-202-312	F, H	1,062	82	1964	C	-70.40 1967	-91.18 1970	-99.04	-89.64	-12.35	+9.40	
273547NOB15613.1 735-156-223	F	950	120	1970	A	---	---	---	---	---	---	
273823NOB14348.1 738-143-312	F	1,100	54	1962	A	---	---	-75.50	-67.06	---	+8.44	
HENDRY COUNTY												
261900NOB05855.1 3	S	10	8	1941	C	+ 0.3 1958	- 5.76 1962	- 2.01	- 1.29	-0.46	+0.72	
263750NOB10740.1 5	S	13	8	1941	C	- 0.09 1967	- 6.3 1956	- 1.22	- 4.25	+1.06	+3.03	
264507NOB05417.4 HE 357	NA	8	6	1964	C	---	---	+10.91	+11.24	-3.39	+0.33	
265700NOB05500.1 HE 339	NA	13	11	1964	C	- 0.45 1967	- 4.70 1965	- 0.80	---	+1.20	---	
HERNANDO COUNTY												
282636NOB22214.1 826-222-243	F	69	68	1966	C	-44.00 1970	-58.29 1968	-53.32	-56.44	-9.32	-3.12	

Table 1.-- Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
HERNANDO COUNTY (continued)												
282704N0823943.1 827-239-343	F	195	176	1966	B	- 3.32 1966	- 5.33 1968	- 5.13	- 3.42	-1.08	+1.71	
282851N0822716.1 828-227-223	F	251	80	1963	B	-19.18 1961	-32.36 1968	-28.47	-30.58	-7.58	-2.11	
283201N0823156.1 832-231-333	F	259	176	1966	C	-14.80 1970	-20.95 1968	-17.98	-18.31	-2.92	-0.33	
283203N0823702.1 832-237-444	F	75	66	1963	B	- 4.77 1964	- 7.22 1968	- 7.36	- 6.17	-0.38	+1.19	
283529N0823558.1 835-235-133	F	140	133	1966	B	- 0.92 1966	- 3.37 1968	- 1.17	- 0.99	-0.36	+0.18	
283527N0823657.1 835-236-311	F	125	123	1966	B	- 2.54 1970	- 3.52 1966	- 2.54	- 2.37	-0.24	+0.17	
283555N0823729.1 835-237-211	F	110	110	1966	B	- 0.80 1968	- 2.67 1967	- 2.43	---	-0.75	---	
283632N0822451.1 836-224-134	F	231	---	1963	M	-58.47 1970	-64.90 1968	-62.89	-62.62	-4.42	+0.27	
283840N0821548.1 838-215-132	F	140R	---	1961	B	-15.83 1970	-20.71 1968	-18.40	-17.91	-2.57	+0.49	
HIGHLANDS COUNTY												
273751N0811558.1 9	S	26	22	1948	C	- 0.96 1953	- 5.0 1949	- 2.09	- 0.62	-0.08	+1.47	
272746N0812327.1 10	S	45	41	1948	C	-27.1 1958	-33.9 1956	-32.92	-30.89	-5.22	+2.03	
272504N0811201.1 11A	S	16	13	1956	C	+ 1.1 1957	- 3.56 1962	- 4.06	- 0.63	-0.81	+3.43	
271410N0805944.1 13	S	20	16	1948	C	+ 0.33 1957	- 8.66 1962	- 1.84	- 2.63	+0.54	-0.79	
271226N0811943.1 14	S	35	29	1948	C	-13.81 1960	-21.3 1951	-18.20	-17.86	-3.13	-0.34	
270202N0812033.1 15	S	23	19	1948	C	+ 0.22 1953	- 4.72 1956	- 2.27	- 0.30	-1.57	+1.97	
271611N0812457.1 440	S	22	18	1956	C	- 1.25 1958	- 8.03 1968	- 5.70	- 4.12	-2.60	+1.58	
271335N0810520.1 H 1	F	640	---	1952	S	+17.0 1969	+13.4 1968	+ 9.2	---	---	---	
271730N0811605.1 H 284	F	580	---	1951	S	+13.0 1969	+ 8.5 1968	+ 8.6	+ 8.8	-1.6	+0.2	
273126N0812141.1 537	F	110	---	1972	S	---	---	---	+ 4.0	---	---	
HILLSBOROUGH COUNTY												
273915N0821912.1 739-219-1512	F	300	---	1972	A	---	---	---	-22.44	---	---	
274045N0821354.1 740-213-131	F	600	123	1958	A	---	---	-56.81	---	-5.24	---	
274044N0822051.1 740-220-4451	F	155	149	1972	A	---	---	---	-39.49	---	---	

BUREAU OF GEOLOGY

Table 1.— Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
HILLSBOROUGH COUNTY (continued)												
274114N0821037.1 741-230-342	F, H	500	—	1950	M	+14.0 1960	+ 2.15 1968	+ 6.46	+ 4.15	+4.36	-2.31	
274249N0821640.1 742-216-123	F	324	80	1958	A	—	—	-89.24	-85.37	-1.61	+3.87	
274242N0821907.1 742-219-242	F	330	97	1969	A	—	—	—	—	—	—	
274453N0822522.1 10 (744-225-212)	F	500R	34	1950	C	+ 8.70 1959	- 4.18 1970	- 2.92	- 2.01	+0.51	+0.91	P
274520N0821327.1 745-213-413	F	1,00R	253	1965	B	-92.34 1965	-109.20 1967	-113.10	-98.12	-19.10	+14.98	May 1965, -98.34
274548N0821514.1 745-215-223	—	479	—	1958	A	—	—	—	—	—	—	
274638N0821015.1 746-210-243	F	805	103	1965	A	—	—	—	—	—	—	May 1965, -90.12
274722N0822007.1 747-220-421	F	520	58	1951	C	-26.0 1951	-54.71 1970	-58.95	-50.03	-3.84	+8.92	
274817N0822129.1 748-223-231	F, H	145	—	1950	B	+ 6.9 1954	- 5.35 1967	- 3.50	- 3.88	+1.20	-0.38	
274914N0821548.1 749-215-332	—	147	50	1958	A	—	—	-61.75	—	+3.29	—	May 1958, -38.78
275152N0820198.1 751-203-113	F, H	211	65	1957	A	-42.52 1958	-64.60 1966	-68.49	-62.88	—	+5.61	
275231N0820821.1 752-208-234	F	776	170	1964	A	—	—	- 9.87	—	-1.53	—	
275213N0822014.1 752-220-414	F, H	830	30	1965	B	- 7.01 1966	-18.76 1968	-19.35	-19.97	-1.16	-0.62	
275322N0821344.1 753-213-323	F	717	150	1958	A	—	—	-41.68	-40.28	—	+1.40	
275337N0821554.1 753-215-133	F	183	168	1964	B	-37.89 1970	-41.19 1968	-40.58	-40.13	-2.69	-0.45	
275621N0821117 756-211-414	F	600	68	1957	A	—	—	-22.63	-21.18	-2.50	+1.45	
275627N0821508.1 756-215-421	F, H	342	60	1965	B	-14.07 1964	-22.24 1968	-21.41	-20.42	-3.55	+0.99	
275653N0822232.1 756-222-122	F	31	—	1967	S	—	—	- 2.56	—	+0.24	—	
275625N0822119.1 756-223-412	F	110	60	1967	S	—	—	- 6.35	- 6.19	-0.22	+0.16	
275634N0822401.1 756-224-244	F	70	40	1967	S	—	—	- 6.73	- 6.45	-0.56	+0.28	
275724N0822210.1 757-222-421	M	240	85	1971	C	—	—	- 6.24	- 5.57	—	+0.67	
275802N0820447.1 758-204-334	F	530	100	1964	B	-48.42 1964	-67.71 1967	-53.90	-34.61	-1.42	+19.29	
275834N0822137.1 758-221-144	F	68	—	1971	S	—	—	-11.67	-10.58	—	-1.09	

Table 1.— Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records begun (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
HILLSBOROUGH COUNTY (continued)												
280053N0823502.1 800-235-222	F	88	39	1968	A	---	---	- 2.43	- 2.50	+0.10	-0.07	
280053N0823502.2 800-235-222A	F	330	315	1968	C	- 1.78 1969	- 2.59 1970	- 2.53	- 2.30	+0.06	+0.17	
280058N0823624.1 800-236-211	F	90	88	1971	S	---	---	- 9.11	- 8.49	+0.69	+1.31	
280058N0823624.2 800-236-211A	NA	14	12	1971	S	---	---	- 4.67	- 6.06	+1.44	-1.39	
280047N0823628.1 800-236-213	F	50	48	1971	S	---	---	- 4.83	- 5.27	+0.77	-0.44	
280047N0823628.3 800-236-213B	F	70	68	1970	S	---	---	- 5.13	- 4.97	-0.13	+0.16	
280047N0823628.2 800-236-213A	NA	19	17	1971	S	---	---	- 7.94	- 8.19	-0.06	-0.25	
280047N0823629.1 800-236-213C	F	51	49	1970	S	---	---	- 0.67	- 3.45	-0.07	-2.78	
280047N0823629.2 800-236-213D	NA	19	19	1970	S	---	---	- 2.83	- 1.03	-1.43	+1.80	
280047N0823627.1 800-236-213E	F	65	63	1970	S	---	---	- 7.66	- 7.08	-2.42	+0.58	
280047N0823627.1 800-236-213F	NA	25	23	1970	S	---	---	-10.00	-10.45	-2.76	-0.45	
280047N0823626.1 800-236-213G	F	50	48	1970	S	---	---	- 1.04	- 1.80	-0.94	-0.76	
280047N0823626.2 800-236-213H	NA	19	17	1970	S	---	---	- 6.28	- 5.65	-1.28	+0.63	
280038N0823628.1 800-236-231	F	50	48	1970	S	---	---	- 8.55	- 7.40	-1.45	+1.15	
280038N0823628.2 800-236-231A	NA	30	28	1970	S	---	---	-13.36	- 9.53	-3.36	+3.83	
280110N0820717.1 801-207-432A	F	368	280	1971	A	---	---	---	---	---	---	
280145N0821325.1 801-213-213A	F	413R	68	1958	C	+ 0.78 1959	-12.60 1968	-11.38	- 9.11	-1.69	+2.27	
280112N0822701.1 801-227-442	F	318	80	1963	B	+ 1.15 1970	- 0.41 1968	+ 0.05	+ 0.46	-1.10	+0.41	
280241N0822314.1 802-223-241	F	510	87	1965	B	-59.25 1970	-62.37 1968	-61.42	-61.02	-2.17	+0.40	
280354N0823819.1 803-238-212	F	870	710	1969	C	+ 0.74 1969	+ 0.34 1969	- 2.68	- 1.68	-1.48	+1.00	
280358N0823801.1 803-238-222	F	87	---	1964	M	+ 1.07 1964	- 2.38 1969	- 3.05	- 2.05	-1.45	+1.00	May 1956, +0.89
280359N0821301.1 803-213-242	F	596	128	1958	A	---	---	-10.44	- 9.73	-1.47	+0.71	
280548N0823557.1 805-235-4857	F	1,200	656	1972	C	---	---	---	-18.77	---	---	

BUREAU OF GEOLOGY

Table 1. -- Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or Observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
HILLSBOROUGH COUNTY (continued)												
280752N0822943.3 806-229-121A	F	134	44	1964	C	-10.75 1965	-22.07 1968	-22.07	-18.41	-3.30	+1.66	
280752N0822626.1 807-226-213	F	229	47	1959	B	- 4.25 1964	-17.23 1967	-10.06	-10.48	-1.75	-0.42	
280740N0822710.1 807-227-241A	F	300	118	1966	C	- 6.65 1970	-11.89 1968	-10.55	-10.45	-1.85	+0.10	
280740N0822710.1 807-227-241B	NA	25	22	1966	W	- 4.81 1966	- 8.44 1967	- 7.80	- 7.71	-2.66	+0.09	
280739N0822942.1 807-229-141A	NA	22	18	1964	C	- 3.60 1970	- 8.83 1968	- 8.39	- 7.59	-4.23	+0.80	
280732N0823058.1 807-230-325B	F	300	142	1972	C	---	---	---	-33.96	---	---	
280728N0823011.1 807-230-421	F	1,250	718	1970	C	---	---	-26.67	-26.44	-1.53	+0.23	
280702N0823028.1 13 (807-230-433)	F	347	46	1930	C	- 6.70 1931	-29.10 1968	-28.76	-25.71	+0.51	+3.05	P
280702N0823028.1 807-230-433A	NA	19	16	1963	B	- 4.11 1964	19.00 ^b 1968	Dry	-18.89	---	---	*Dry at 19 ft.
280703N0823417.1 807-234-0317	F	300	76	1972	C	---	---	---	-25.61	---	---	
280713N0823428.1 807-238-431	F	428	60	1964	C	- 9.08 1964	-18.17 1967	-17.26	-16.28	+0.13	+0.98	
280802N0820858.1 808-208-133	F	45	---	1966	S	---	---	- 8.83	- 9.67	-0.33	-0.84	
280806N0820902.1 808-209-444	F	110	65	1967	S	---	---	-13.77	-13.25	-1.19	+0.52	
280850N0821401.1 808-214-224	F	185	123	1964	B	- 8.72 1970	-11.31 1968	- 9.11	-10.46	-0.39	-1.35	
280832N0823436.1 808-234-3236	F	359	81	1972	C	---	---	---	-26.60	---	---	
280919N0822949.1 809-229-314	NA	7	5	1970	S	---	---	- 4.35	- 4.01	-0.72	+0.34	
280917N0823123.1 809-231-1723	F	765	80	1972	W	---	---	---	-19.05	---	---	
280916N0823105.1 809-231-424	F	80	78	1970	S	---	---	- 4.18	- 2.43	-0.53	+1.75	
280920N0823221.1 809-232-414	F	375	65	1963	C	-13.22 1965	-22.40 1968	-23.56	-18.63	-1.87	+4.97	
280937N0823323.1 809-233-233	F	57	---	1970	S	---	---	- 6.93	- 6.68	-1.08	+0.25	
281019N0823107.1 810-231-424	F	47	45	1969	S	---	---	- 8.01	- 8.38	---	-0.37	
281019N0823202.1 810-232-424	F	44	42	1969	S	---	---	- 5.13	- 4.87	---	+0.26	

Table 1.—Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in highest recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
HOLMES COUNTY												
304322N0855614.1 4 (043-556-1)	F	187R	—	1938	B	+ 6.90 1964	+ 1.82 1956	+ 3.72	+ 2.68	-0.06	-1.04	
305014N0854837.1 050-548-1	F	—	—	1961	S	+ 5.50 1964	+ 1.30 1969	+ 4.16	+ 2.91	+0.56	-1.25	
305119N0855619.1 051-556-1	F	260R	—	1961	S	-205.20 1964	-209.85 1969	-205.53	-207.98	-1.82	-2.45	
305202N0854529.1 052-545-2	F	300R	—	1961	S	+17.6 1964	+10.0 1967	+12.1	+ 9.7	+1.1	-2.4	
INDIAN RIVER COUNTY												
273923N0804718.1 25	S	19	13	1950	C	+30.2 1957	+25.4 1956	+28.70	+30.46	-1.47	+1.76	M
274815N0802541.1 33	F	540	—	1967	A	+33.0 1969	+28.0 1967	+25.0	+31.4	-3.0	+6.4	M
274549N0802452.1 73	F	800	—	1951	A	+33.0 1969	+28.4 1968	+28.0	+20.4	-0.02	-7.6	M
274635N0803630.1 183	F	640	220	1951	A	+17.4 1969	+10.9 1967	+10.6	+15.0	+0.8	+4.4	M
274452N0802755.1 1R 147	F	620	—	1968	S	+16.4 1969	+ 4.8 1970	+ 4.6	+14.4	-0.2	+9.8	M
273833N0804619.1 1R 205	F	—	—	1968	S	+16.0 1969	+13.2 1970	+12.0	+15.0	-1.2	+3.0	M
273431N0802210.1 1R 245	F	850	—	1968	S	+30.7 1969	+24.6 1970	+23.4	+29.4	-1.2	+6.0	M
JACKSON COUNTY												
304230N0845323.1 23 (042-453-1)	F	475R	100	1950	B	-17.37 1964	-38.15 1951	-22.85	-24.61	+0.60	-1.76	
304413N0850644.1 044-506-1	F	210	94	1961	S	-62.98 1964	-81.84 1968	-71.44	-75.97	+0.96	-4.53	
305353N0852731.1 053-527-1	F	341	260	1961	S	-71.57 1965	-88.75 1969	-78.21	-73.94	-5.51	+4.27	
305844N0850354.1 058-503-1	F	83	—	1955	S	-14.98 1964	-33.70 1969	-30.59	-29.44	-3.49	+1.15	
JEFFERSON COUNTY												
302204N0835615.1 022-356-1	F	216	169	1960	S	-138.35 1965	-143.75 1968	-143.31	-143.23	+0.20	+0.08	
303812N0833624.1 038-336-1	F	183	147	1960	S	-13.33 1965	-31.02 1969	-29.91	-26.65	-2.15	+3.26	
LAFAYETTE COUNTY												
300823N0831759.1 008-317-1	F	106	—	1961	B	-26.19 1965	-46.92 1969	-39.79	-38.55	-5.35	+1.24	
295802N0831210.1 958-312-1	F	146	112	1961	B	- 4.23 1964	- 8.89 1962	- 7.40	- 5.11	-1.41	+2.29	
LAKE COUNTY												
290950N0813155.1 22 (909-131-1)	F	254R	—	1936	B	- 0.72 1964	- 5.30 1968	- 3.48	- 2.97	-0.68	+0.51	

Table 1.—Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
LAKE COUNTY (continued)												
282245N0814926.1 822-149-213	F	192	100	1959	B	-1.80 1960	-5.95 1968	-5.12	-3.60	-0.79	-1.52	
282245N0814926.2 822-149-213A	S	23	18	1959	B	-0.36 1960	-5.06 1963	-3.33	-2.69	-0.87	+0.64	
283203N0815449.1 832-154-334	F	160	63	1969	C	-1.88 1960	-5.51 1967	-4.49	-2.96	-0.45	+1.53	
283203N0815449.2 832-154-334A	S	30	17	1959	C	-1.60 1964	-5.23 1967	-3.76	-1.70	+0.84	+2.06	
284445N0814621.1 844-146-244	F	200	112	1963	B	+3.75 1970	+0.02 1968	+0.88	+1.37	-2.87	+0.49	
284840N0815230.1 848-152-233	F	89	80	1964	B	-44.76 1970	-43.60 1966	—	—	—	—	D, 1971
290000N0813800.1 Lake 333	F	500	—	1961	B	-9.21 1970	-15.08 1968	-11.05	-13.65	-1.84	-2.60	
285129N0815451.1	F	141	—	1968	B	-38.30 1970	-42.91 1968	-41.63	-41.58	-3.33	+0.05	
284728N0813222.1	F	400	60	1967	B	-73.10 1970	-75.86 1969	-78.14	-77.76	-5.04	+0.38	
284832N0815330.1	F	592	100	1968	B	-45.03 1970	-50.78 1968	-48.50	-48.58	-3.47	-0.06	
283910N0814331.1	F	750	—	1967	B	-129.75 1970	-136.63 1968	-135.63	-136.62	-5.38	-1.49	
282829N0814136.1	F	650	119	1969	B	—	—	-49.72	-51.02	-4.37	-1.30	
LEE COUNTY												
263802N0814935.1 246	S	28	19	1945	C	+19.13 1959	+10.5 1949	+17.52	+19.04	-1.52	—	M
263822N0814314.1 414	H	94	60	1948	C	+18.8 1957	+11.1 1955	—	—	—	—	D, 1970
LEON COUNTY												
302710N0841630.1 7 (027-416-1)	F	314	165	1945	M	-149.05 1948	-169.91 1955	-165.62	-164.08	-3.04	+1.54	
303728N0841012.1 36A (037-410-2)	H	41	38*	1935	M	+0.66 1965	-33.14 1956	-23.10	-23.37	-10.65	-0.27	*Screen 38 -41 Ft.
303111N0842054.1 115 (031-420-1)	F	194	104	1950	M	-76.9 1959	-93.3 1957	-87.7	-87.0	-3.2	+0.7	
302410N0842000.1 024-420-1	S	57	57	1960	B	-7.88 1960	-19.31 1969	-16.35	-14.36	-1.26	+1.99	
302410N0842000.2 024-420-2	S	15	12*	1960	B	-4.98 1960	-11.86 1969	-7.65	-8.44	-0.63	-0.79	*Well point 12 - 15 Ft.
302640N0841700.1 026-417-1	F	310	146	1960	B	-74.40 1964	-82.50 1969	-80.33	-77.92	-1.54	+3.41	
303447N0840724.1 034-407-1	F	231	—	1960	S	-155.74 1965	-177.09 1969	-176.16	-175.08	-1.11	+1.08	
303142N0842146.1 031-421-132	F	225	100	1966	C	-84.20 1967	-91.12 1969	-92.08	-90.45	-4.78	+1.63	

INFORMATION CIRCULAR NO. 85

Table 1.— Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
LEON COUNTY (continued)												
303142N0842146.2 031-421-132A	A	54	49 *	1966	C	-30.83 1967	-39.12 1969	-35.93	-38.92	-2.45	-2.99	*Screen 49 to 54 ft.
LEVY COUNTY												
290202N0824041.1 902-240-343	F	155	—	1961	B	- 5.15 1964	-10.34 1968	- 8.42	- 8.87	-0.88	-0.45	
290215N0824123.1 902-241-431	F	58	—	1961	B	- 5.80 1964	- 8.34 1962	- 7.14	- 7.17	-0.49	-0.03	
291208N0825926.1 912-259-431	F	91	68	1961	B	- 3.31 1970	- 5.86 1968	- 3.96	- 3.58	-0.65	+0.38	
291508N0824329.1 915-243-431	F	300R	200	1961	B	- 2.74 1970	- 6.52 1968	- 2.35	- 2.68	+0.39	-0.33	
291806N0825456.1 918-254-331	F	72	54	1961	B	- 3.20 1970	- 6.63 1968	- 3.01	- 3.10	+0.19	-0.09	
292109N0824229.1 921-242-431	F	679	203	1964	B	+17.8 1966	+ 8.0 1968	+13.0	+13.2	-4.0	+0.2	
292310N0822750.1 923-227-430	F	190	90	1961	B	-47.69 1966	-56.99 1968	---	---	---	---	
292640N0823812.1 926-238-241	F	270	240	1961	B	-11.36 1966	-17.84 1968	-15.76	-14.50	-4.13	+1.26	
292430N0822830.1 CEB	F	50	—	1935	B	-12.7 1948	-26.5 1940	-21.40	-20.48	-5.76	+0.92	
292843N0825145.1	F	45	45	1961	B	---	---	-16.91	-15.78	-2.79	+1.13	
LIBERTY COUNTY												
300152N0845927.1 14 (001-459-1)	F	---	---	1955	S	- 3.60 1964	- 8.51 1968	- 7.46	- 6.18	-0.73	+1.28	
301035N0844037.1 010-440-1	F	118R	89	1961	B	+13.3 1965	+ 6.8 1961	+10.6	+10.7	0.00	+0.01	
302321N0844735.1 023-447-1	F	85	70	1961	S	+ 4.90 1965	+ 1.29 1968	+ 2.51	+ 2.16	-0.47	-0.35	
302823N0845606.1 028-456-1	F	360	---	1961	S	-83.30 1965	-86.26 1968	-84.74	-85.60	-0.22	-0.86	
MADISON COUNTY												
302856N0832501.1 17 (028-325-1)	F	320	300	1953	S	-12.30 1965	-38.12 1955	-31.78	---	-4.37	---	
302822N0832555.1 18 (028-325-2)	F	322	307	1952	B	- 6.10 1965	-34.87 1955	-28.46	-23.16	-2.35	+5.30	P
MANATEE COUNTY												
272356N0821813.1 Verna 1	F	450	409	1965	C	-37.58 1970	-67.25 1968	-47.40	-43.92	-7.29	+3.98	
MARION COUNTY												
291115N0815925.1 5 (911-159-1)	F	135R	135	1933	C	+11.99 1970	+ 3.35 1957	+ 8.65	+ 7.82	-3.34	-0.83	
290220N0815620.1 47 (902-156-1)	F	179	165	1936	B	-13.84 1960	-24.26 1956	-20.10	-20.83	-2.30	-0.73	

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Table 1.—Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970- 1971	1971- 1972	
MARION COUNTY (continued)												
285920N0814905.1 48 (859-150-1)	F	152	—	1936	B	- 0.82 1961	-10.23 1956	- 5.42	- 6.44	-2.58	-1.02	
291015N0813850.1 49 (910-138-1)	F	166	166	1936	B	-25.0 1942	-31.19 1957	-27.89	-28.84	-2.20	-0.95	
291120N0821025.1 51 (911-210-1)	F	106	—	1935	B	-26.04 1960	-34.39 1956	-30.23	-31.03	-3.97	-0.80	
290514N0822707.1 905-227-1	F	442	125	1964	C	-79.69 1970	-82.46 1968	-81.96	-82.05	-2.27	-0.09	
291615N0821955.1 916-219-1	F	124	—	1961	B	-101.28 1965	-112.13 1963	-106.99	—	-4.81	—	
290215N0821524.1 902-215-431	F	51	—	1964	B	-28.22 1970	-35.00 1968	-32.61	-33.12	-4.39	-0.51	
290306N0822328.2 903-223-431	F	36	26	1964	B	- 6.36 1965	-14.49 1968	- 8.30	-10.79	-0.96	-2.49	
291207N0822616.1 912-226-432	F	52	—	1961	B	- 5.82 1970	-11.29 1968	-10.85	-11.86	-5.03	-1.01	
291910N0821550.1 919-215-330	F	218	—	1964	B	-60.35 1970	-66.41 1968	-63.83	-66.05	-3.48	-2.22	
292015N0820650.1 920-206-312	F	132	50	1961	B	-41.26 1970	-48.09 1968	-45.60	-46.27	-4.36	-0.67	
292546N0815133.1 925-151-124	F	340	307	1964	B	-113.87 1970	-119.95 1968	-117.81	-118.25	-3.94	-0.44	
MARTIN COUNTY												
265732N0801430.1 140	S	31	20	1950	C	+20.2 1957	+15.77 1961	+18.80	+20.81	-0.48	+2.01	M
271012N0801412.1 147	S	74	73	1952	C	+ 9.8 1958	+ 0.81 1968	+ 0.06	+ 2.20	-3.64	+2.14	M
270124N0802801.1 928	S	11	10	1957	C	+32.4 1957	+27.78 1968	+28.21	+31.06	-2.19	+2.85	M
270941N0802103.1 933	S	15	14	1957	C	+23.40 1966	+19.60 1965	+21.91	+23.63	-0.04	+1.72	M
270507N0803353.1	F	1,080	500	1953	A	+51.9 1957	+40.2 1970	+47.5	+51.0	+7.3	+3.5	M
270153N0802910.1	F	1,000	—	1957	A	+49.5 1957	+45.1 1970	+42.2	+45.3	-2.9	+3.1	M
271208N0802903.1	F	835	373	1953	A	+53.2 1957	+49 1970	+47.6	+50.2	-1.4	+2.6	M
MONROE COUNTY												
250725N0802431.1 C 1273	F	1,330	696	1965	I	+40.5 1965	—	—	+41.1	—	—	M
251913N0801450.1 S 1447	F	1,074	1,050	1962	I	+38 1962	—	—	+34	—	—	M
MASSAU COUNTY												
303244N0812637.1 8 (032-126-1)	F	68OR	—	1939	S	+41.1 1947	+18.3 1968	+17.2	+17.8	-3.2	+0.6	

Table 1.— Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
NASSAU COUNTY (continued)												
303801N0812737.1 12 (038-127-1)	F	640R	—	1939	S	+24.0 1947	-19.46 1963	-13.46	- 5.48	-4.92	+7.98	
304010N0812645.1 27 (040-126-1)	F	191	—	1939	B	+10.1 1946	-29.34 1963	-28.80	-24.35	-2.43	+4.45	
303754N0813627.1 44 (037-136-1)	F	1,000R	450	1934	A	+19.8 1947	- 3.53 1968	- 4.54	- 3.22	-4.13	+1.32	
303658N0814226.1 50 (036-142-1)	F	569R	—	1940	S	+40.5 1940	+16.0 1968	+20.6	+21.7	-0.2	+1.1	
303340N0815000.1 51 (033-150-1)	F	580R	—	1940	S	+42.0 1947 & 1948	+23.1 1968	+23.0	+24.0	-2.7	+1.0	
303703N0813050.1 55 (037-130-1)	F	540R	504	1940	S	+33.1 1947	+ 4.5 1968	+ 1.85	+ 3.16	-4.95	+1.31	
304022N0812750.1 33	F	—	—	1939	A	+43.0 1939	-39.74 1966	-47.65	-33.62	-16.48	+14.03	
304002N0813812.1 53	F	—	—	1940	A	+36.5 1940	+13.6 1968	+13.0	+13.4	-3.5	+0.4	
304205N0815425.1 91	F	700	405	1960	A	- 5.30 1964	-11.67 1968	-11.78	-10.20	-3.16	+1.58	
OKALOOSA COUNTY												
302419N0863626.1 3 (024-636-1)	F	800R	500	1936	S	+20.1 1950	-85.12 1968	—	—	—	—	D, 1971
303849N0863141.1 25 (038-631-1)	F	609R	456	1947	B	-108.1 1949	-133.0 1968	—	—	—	—	D, 1971
303512N0863751.1 29 (035-637-1)	F	766R	524	1947	C	-102.3 1948	-139.88 1970	-141.92	-145.54	-2.04	-3.58	
303745N0864421.1 31 (037-644-1)	F	690R	527	1948	S	-46.8 1948	-80.6 1969	—	—	—	—	D, 1971
302857N0862852.1 34 (028-629-1)	F	540	—	1947	S	+26.6 1950	-22.25 1970	—	—	—	—	D, 1971
302747N0863820.1 027-638-214	F	858	503	1966	C	-56.74 1967	-71.5 1970	—	—	—	—	D, 1971
OKEECHOBEE COUNTY												
272315N0810109.1 2	S	21	18	1949	C	+46.7 1957	+38.82 1962	+47.16	+44.92	+4.37	-2.24	M
272932N0804822.1 3	S	22	19	1948	C	+61.3 1959	+56.7 1950	+61.35	+59.90	+2.11	-1.45	M
271900N0804820.1 21	F	1,182	461	1967	S	+10.4 1970	+ 6.00 1967	+ 5.0	+ 8.0	-1.2	+3.0	M
271439N0805653.1 22	H	1,025	416	1951	S	+16.4 1970	+ 9.9 1968	+ 8.4	+13.5	-2.0	-5.1	M
271514N0805116.1 23	F	926	496	1951	S	+ 7.8 1970	+ 5.4 1967	+ 5.0	+ 7.0	-1.8	+2.0	M
271340N0804440.1 24	F	1,448	611	1953	S	+ 9.5 1969	+ 8.8 1970	+ 8.2	+ 6.0	-0.6	-2.2	M

Table 1.— Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970- 1971	1971- 1972	
OKECHOBEE COUNTY (continued)												
271456N0805007.1 35	F	1,327	—	1961	S	+14.8 1969	+11.3 1968	—	+13.0	—	—	H
ORANGE COUNTY												
283252N0812835.1 47 (832-128-1)	F	350	328	1930	C	+ 2.20 1960	-14.87 1968	-13.58	-12.54	-6.00	+1.04	
283252N0812835.2 47B (832-128-3)	S	20	17	1948	M	+ 3.04 1960	-11.72 1968	-12.17	-11.63	-8.39	+0.54	
283222N0812833.1 47C (832-128-4)	S	50	46	1948	B	-27.47 1960	-39.35 1953	—	—	—	—	D, 1971
283249N0810532.1 832-105-1	F	492	151	1961	C	-26.47 1966	-30.57 1967	-28.78	-26.74	-0.50	+2.04	
OSCEOLA COUNTY												
281722N0805430.1 171	S	19	13	1950	C	+ 0.78 1966	- 3.80 1956	- 2.83	+ 0.32	-0.96	+3.15	
280619N0805426.1 179	S	18	18	1949	C	- 1.34 1969	- 5.58 1968	- 3.20	- 1.03	-0.28	+2.17	
281141N0810941.1 131	S	16	14	1948	C	- 1.23 1957	- 7.76 1968	- 4.61	- 5.59	-0.01	-0.98	
274646N0810748.1 132	S	23	16	1948	C	- 0.6 1957	- 5.2 1950	- 1.43	- 1.52	+0.95	-0.09	
274828N0810109.1 133	S	27	22	1948	C	- .1 1957	- 5.0 1956	- 0.51	- 0.42	+2.92	+0.09	
280501N0805231.1 805-052-1	F	375	325	1967	B	+13.8 1970	+10.3 1968	+12.7	+13.0	-1.1	+0.3	
PALM BEACH COUNTY												
263652N0800338.1 88	B	17	16	1944	C	+ 8.6 1948	+ 3.6 1956	+ 4.28	+10.28	-2.83	+6.00	M
264052N0800338.1 99	B	18	16	1948	C	+10.0 1957	+ 5.5 1956	+ 6.35	+10.42	-1.54	+4.07	M
264840N0801147.1 109	B	14	9	1950	C	+18.9 1957	+15.0 1956	+17.97	+18.90	-0.35	+0.93	M
265445N0802142.1 110	B	8	8	1951	C	- 2.40 1966	- 6.00 1962	- 4.45	—	-1.30	—	B
263328N0800852.1 PB 443	NA	11	11	1964	C	- 0.7 1966	- 4.1 1967	- 1.9	- 1.96	-0.7	-0.06	
262554N0800851.1 PB 446	NA	11	11	1964	C	- 1.4 1966	- 4.3 1967	- 3.30	- 2.55	-1.30	+0.80	
265240N0803721.1 PB 505	NA	16	14	1964	C	—	—	+14.93	+12.44	+1.32	-2.49	M
264153N0804752.1 PB 506	NA	11	11	1964	C	—	—	+11.34	11.57	-0.06	+0.27	M
264415N0804136.1 PB 517	NA	10	10	1964	C	—	—	+10.62	+10.96	-0.13	+0.34	M
264230N0801205.1 PB 561	NA	11	11	1970	C	—	—	+15.70	+17.66	-1.20	+1.96	M

Table 1.-- Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (Year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
PALM BEACH COUNTY (continued)												
265258N0800544.1 PB 562	NA	10	10	1970	C	---	---	+ 8.40	+10.30	---	---	H
265027N0801156.1 PB 563	NA	9	9	1970	C	---	---	+17.90	+18.40	-0.20	+0.50	H
264831N0800658.1 PB 564	NA	10	10	1970	C	---	---	+11.90	+14.90	-2.30	+3.00	H
265812N0800539.1 PB 565	NA	22	27	1970	C	---	---	+ 1.80	+ 5.03	-3.20	+3.23	H
265604N0800944.1 PB 566	NA	11	11	1970	C	---	---	+14.75	+15.53	-0.75	+0.78	H
263625N0800357.1 PB 570	NA	90*	80	1970	C	---	---	0.00	+ 7.73	---	+7.73	M, *Screen 80-90 ft.
262205N0800717.1 PB 488	B	163	158	1965	C	---	---	+ 6.10	+8.97	-4.70	+2.87	H
264000N0803750.1 PB 203	F	1,332	957	1940	A	+57.2 1970	+40.0 1961	+47.6	+43.9	-0.96	-0.37	H
264222N0800348.1 PB 439	F	1,150	---	1961	A	+40.0 1961	+37.8 1970	---	+37.8	---	---	H
PASCO COUNTY												
281037N0820718.1 810-207-234	F	55	47	1960	B	- 4.07 1964	-10.55 1968	- 6.64	- 9.89	+1.63	-3.25	
281022N0820755.1 810-207-313	F	500	240	1967	S	---	---	-20.98	-18.45	-1.81	-2.53	
281018N0820958.1 810-209-313	F	105	60	1967	S	---	---	- 6.52	- 7.22	---	-0.70	
281027N0822421.1 810-224-412	F	537	144	1960	A	---	---	-24.57	-24.08	-1.45	-0.49	
281035N0823057.1 810-230-3557	F	398	70	1972	C	---	---	- 9.65	- 7.98	---	-1.07	
281036N0824409.1 810-244-243	F	121	112	1970	A	---	---	-11.77	-11.13	-0.50	+0.64	
281023N0824507.1 810-245-424	F	188	176	1969	A	---	---	- 8.78	- 8.12	-0.11	+0.66	
281102N0820640.1 811-206-343	F	40	20	1966	S	---	---	-10.34	- 9.89	-2.62	+0.45	
281143N0823047.1 811-230-132	F	69	52	1964	C	- 5.27 1969	- 9.21 1968	- 9.32	- 6.73	-0.92	+2.59	
281143N0823047.2 811-230-132A	F	345	178	1964	C	- 3.48 1966	- 9.49 1966	- 8.92	- 6.16	-0.94	+2.76	
281142N0823047.3 811-230-132B	NA	5	5	1965	A	---	---	- 2.37	- 2.85	+1.21	-0.48	
281103N0823226.1 811-232-433	M	438	38	1969	C	- 8.67 1970	-13.22 1970	-10.80	-10.76	+2.47	+0.04	
281124N0823530.1 811-235-322	F	365	63	1966	C	-10.75 1970	-17.41 1968	-17.79	-15.48	-1.15	+2.31	

Table 1.—Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970- 1971	1971- 1972	
PASCO COUNTY (continued)												
281222N0820623.1 812-206-413	F	41	—	1966	S	—	—	- 8.79	- 8.14	-0.27	+0.65	
281222N0823934.1 812-239-322	F	301	76	1965	C	-11.56 1966	-18.04 1968	-18.34	-15.33	-2.70	-3.01	
281348N0822943.1 813-229-123	F	564	36	1967	C	—	—	- 5.29	- 6.85	+2.53	-1.56	
281328N0824255.1 813-242-311	F	102	90	1969	A	—	—	-25.41	-24.70	-0.79	+0.71	
281324N0824356.1 813-243-311	F	162	137	1969	A	—	—	-15.89	-15.83	-0.65	+0.06	
281448N0823018.1 814-230-214	F	743	44	1967	C	- 4.58 1970	- 7.12 1970	- 6.41	- 7.36	+0.53	-0.95	
281445N0824145.1 814-241-114	F	425	401	1969	A	—	—	- 6.01	- 6.03	-0.95	-0.02	
281558N0822646.1 13 (815-226-112)	NA	49	43	1934	C	- 4.77 1959	-10.1 1945	- 8.17	- 8.71	-3.37	-0.54	
281532N0824123.1 815-241-233	F	582	572	1968	C	- 4.97 1970	- 5.39 1969	- 7.65	- 6.62	-2.68	+1.03	
281636N0823720.1 816-237-234A	F	115	65	1965	C	- 6.60 1969	- 9.54 1968	- 7.72	- 7.96	-0.61	-0.24	
281636N0823720.2 816-237-234B	NA	25	22	1965	C	- 5.73 1970	- 8.91 1968	- 6.90	- 7.34	-0.78	-0.44	
281648N0824302.1 816-243-224	F	235	223	1969	A	—	—	- 5.62	- 5.55	-0.01	+0.07	
281642N0824402.1 816-244-242	F	75	68	1969	A	—	—	- 3.99	- 2.64	+0.33	+1.35	
281715N0821644.1 817-216-314	F	150	57	1964	C	-34.08 1966	-44.70 1968	-40.96	-42.10	-2.56	-1.14	
281715N0821644.2 817-216-314A	NA	9	6	1964	B	- 5.60 1965	—	—	—	—	—	Reported Dec May 1971, N 1972
281906N0821616.1 819-216-434	F	640	240	1963	A	—	—	-33.37	-35.17	-3.24	-1.80	
281926N0822129.1 819-221-411	F	113	83	1965	C	-11.23 1964	-16.66 1968	-14.20	-15.32	-0.32	-1.12	
281918N0822646.1 819-226-314	F	73	38	1965	S	- 2.74 1970	- 7.49 1968	- 4.51	- 4.65	+0.19	-0.14	
281949N0823320.1 819-233-214A	F	73	60	1966	C	- 2.77 1970	- 5.61 1968	- 3.83	- 3.66	-0.02	+0.17	
281949N0823320.2 819-233-214B	NA	23	20	1966	B	- 3.69 1966	- 5.67 1968	- 3.69	- 3.51	-0.01	+0.18	
282009N0823738.1 820-237-342	F	73	59	1965	B	- 5.15 1970	9.03 1968	- 7.16	- 7.50	-2.01	-0.34	
282126N0821609.1 821-216-421	F	700	160	1963	A	—	—	-117.06	—	-1.39	—	D, 1972
282152N0824137.1 821-241-124	F	27	—	1964	B	—	—	- 8.25	- 8.15	-0.27	+0.10	

Table 1.— Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records begun (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
PASCO COUNTY (continued)												
282229N0824058.1 822-240-311	F	178	156	1969	A	—	—	- 9.33	-11.45	-0.38	-2.12	
282229N0824157.1 822-241-311	F	30	27	1969	A	—	—	- 2.87	- 1.88	+0.16	+0.99	
282540N0822757.1 825-227-131	F	82	29	1965	C	-20.60 1970	-33.90 1968	-28.48	-30.85	-7.42	-2.37	
282641N0821120.1 826-211-214	F	227	49	1959	C	- 9.97 1960	-23.20 1968	-21.11	-21.90	-4.02	-0.79	
PINELLAS COUNTY												
275636N0824629.1 756-246-233A	F	270	94	1959	A	—	—	-57.77	-61.05	+4.83	-3.28	
275753N0824353.1 757-243-111	M	283	—	1967	A	—	—	-48.60	-49.14	-0.16	-0.54	
275815N0824404.1 665(158-244-424)	F	299	81	1953	C	-19.83 1959	-24.55 1955	-25.21	-24.15	-3.12	+1.06	
275843N0824742.1 246(758-247-132)	F	208	54	1945	C	-24.91 1959	-28.18 1955	-28.09	-27.32	-1.10	+0.77	T
280054N0824718.1 166(800-247-212)	F	195	—	1948	B	-10.74 1964	-18.19 1956	-15.30	-14.92	+0.56	+0.38	T
280133N0824151.1 801-241-134A	F	120	—	1967	A	—	—	-33.75	-35.15	-1.57	-1.40	
280108N0824339.1 801-243-331	F	108	—	1967	A	—	—	-86.95	—	-0.80	—	
280204N0823909.1 802-239-443	F	87	—	1964	B	- 0.52 1966	- 1.35 1970	- 1.44	- 1.18	-0.09	+0.26	
280219N0824007.1 802-240-424	F	174	—	1963	C	- 1.98 1965	- 3.89 1969	- 4.00	- 3.82	-0.53	+0.18	
280230N0824650.1 802-246-312	F	105	42	1963	A	—	—	- 1.98	- 2.05	-2.41	-0.07	
280457N0824204.2 804-242-222A	F	310	300	1968	C	+ 0.15 1970	+ 0.11 1969	- 0.25	+ 0.25	-0.40	+0.50	
280852N0824143.1 808-241-123	F	780	758	1967	C	-33.67 1969	-35.49 1970	-36.98	-36.37	-1.49	+0.61	
280820N0824501.1 13 (808-245-424)	F	141	33	1947	C	- 7.78 1957	- 9.84 1951	- 9.40	- 9.27	-1.12	+0.13	T
280904N0823906.1 809-239-0406	F	—	—	1972	C	—	—	—	-33.92	—	—	
280907N0824248.1 809-242-334	F	305	205	1965	C	-10.22 1966	-12.54 1968	-11.67	-11.50	-0.22	+0.17	
POLK COUNTY												
273849N0815111.1 738-151-223	F,H	737	50	1963	C	-45.87 1964	-82.62 1968	-78.70	-70.28	-6.53	+8.42	
274129N0814202.1 741-142-422	F	928	—	1958	A	—	—	—	—	—	—	
274155N0815732.1 741-157-122	F	302	280	1964	B	-74.78 1965	-96.49 1967	-93.22	-87.19	-4.36	+6.03	

Table 1.— Continued

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						May or June						
						High (year)	Low (year)	1971	1972	1970- 1971	1971- 1972	
POLK COUNTY (continued)												
274226N0813152.1 48 (742-131-312)	P	62	59	1949	C	-43.51 1954	-48.11 1956	-45.72	-46.20	-1.08	-0.48	
274440N0813148.1 51 (744-131-132)	H	319	208	1949	B	- 5.08 1958	-26.68 1968	-25.99	-17.52	-1.14	+8.47	
274407N0814740.1 744-147-343	F, H	750	60	1964	B	-48.86 1964	-81.72 1968	-69.88	-71.99	---	-2.11	
274517N0815840.1 745-158-323	F	834	394	1964	M	-65.44 1964	-100.69 1968	-95.18	-89.73	-4.13	-5.45	
274616N0814343.1 746-143-323	F	890	497	1960	C	-161.52 1970	-174.65 1970	-176.08	-170.60	-2.65	+5.48	
274742N0813756.1 747-137-131	F	959	306	1964	B	-58.77 1964	-78.47 1968	-74.36	-67.91	---	+6.45	
274739N0820002.1 747-200-242	F	400	---	1958	A	---	---	-95.46	-91.70	-7.68	+3.76	
274812N0811903.1 748-119-442	S	17	14	1949	C	+ 0.23 1957	- 5.94 1962	- 1.66	- 0.38	+0.82	+0.28	
274846N0812620.1 748-126-01	F	199	153	1958	B	+15.0 1969	+14.5 1970	+13.4	---	-1.1	---	
275009N0815409.1 750-154-441	F	303	288	1964	B	-106.96 1965	-131.29 1968	-125.49	-119.91	-4.55	+5.58	
275211N0814255.1 752-142-331	F	555	150	1964	M	-85.78 1964	-115.08 1968	-107.23	-103.49	-0.27	+3.74	
275350N0815142.1 753-151-123	F	662	180	1945	C	-57.71 1970	-69.34 1970	-72.05	-65.69	-6.56	+6.36	
275326N0815858.1 753-158-311	F	710	237	1955	C	-28.15 1961	-63.97 1968	-54.11	-51.78	-8.03	+2.33	
275437N0812410.1 754-123-01	F	220	175	1969	B	---	---	---	---	---	---	
275840N0812410.1 758-139-241	F	612	91	1958	A	---	---	-34.18	-31.64	---	+2.54	
275815N0814442.1 758-144-323	NA	26	24	1965	M	- 9.48 1966	-15.55 1968	-13.78	-13.67	-2.06	+0.11	
275809N0814709.1 758-147-441	F	572	105	1965	B	-48.17 1969	-61.26 1967	-53.20	-51.05	-1.71	+2.15	
275907N0814704.1 758-147-444	NA	27	25	1965	B	- 9.89 1970	-18.15 1968	-13.69	-13.78	-3.80	-0.09	
275959N0815525.1 759-155-5925	F	1,220	293	1970	C	-38.71 1970	-43.24 1970	-47.80	-45.06	-5.19	+2.74	
280056N0813839.1 800-138-5639	F	587	107	1972	A	---	---	-16.54	-15.65	+2.77	+0.99	
280229N0813252.1 802-132-312	F	463	137	1959	B	-10.15 1964	-14.51 1967	-13.33	-14.15	-1.32	-0.82	
280229N0815128.1 802-151-411	F, H	265	45	1965	B	-12.85 1964	-24.07 1968	-20.83	-19.49	-1.78	+1.34	
280334N0815448.1 803-154-134	H	58	31	1959	T	---	---	- 5.45	- 5.42	-0.53	+0.03	

Table 1.— Continued

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						May or June						
						High (year)	Low (year)	1971	1972	1970- 1971	1971- 1972	
POLK COUNTY (continued)												
280456N0813743.1 804-137-5643	F	549	110	1972	A	---	---	-60.00	-61.42	---	-1.42	
280429N0815100.1 804-151-2900	F	373	40	1972	A	---	---	-18.45	-18.13	---	+0.32	
280413N0815428.1 804-154-431	NA	15*	12	1955	A	---	---	- 9.77	- 9.15	-3.79	+0.62	*Screen with gravel 12-15 ft.
280412N0815428.1 804-154-431A	H	77	52	1955	T	---	---	-18.48	-16.39	-4.58	+2.09	
280531N0814316.1 805-143-3116	F	555	282	1972	A	---	---	-53.52	-52.93	---	+0.59	
280549N0814924.1 805-149-4924	F	586	136	1972	A	---	---	-46.32	---	---	---	
280556N0815326.1 805-153-211	F	72	45	1956	T	---	---	-29.30	-30.35	-1.10	-1.05	
280503N0815528.1 805-155-333	F	311	82	1956	B	-21.07 1963	-30.53 1967	-26.75	-26.94	-0.95	-0.19	
280503N0815526.1 805-155-333A	H	72	62	1955	T	---	---	-22.68	-22.69	-1.36	-0.01	
280633N0815540.1 806-155-311	NA	20	19	1955	T	---	---	-16.18	-15.95	-4.28	+0.23	
280614N0815636.1 806-156-342	NA	13	10	1955	S	---	---	- 9.69	- 9.60	-2.89	+0.09	
280613N0815636.2 806-156-342A	F	103	63	1956	S	---	---	-29.33	-29.72	-0.31	-0.39	
280715N0815435.1 807-154-433	H	55	31	1956	T	---	---	- 5.00	- 4.27	-0.82	+0.73	
280719N0815433.1 807-154-433A	NA	9	8	1955	T	---	---	- 4.69	- 3.69	-1.86	+1.00	
280829N0815353.1 808-153-311	F	93	56	1956	T	---	---	-21.30	-20.78	-3.19	+0.52	
281058N0813642.1 44 (810-136-1)	F	195	81	1945	C	- 1.70 1960	- 5.74 1962	- 3.94	- 4.95	-0.93	-1.01	
281051N0813625.1 47 (810-136-2)	S	67	60	1948	C	-44.9 1960	-49.6 1962	-48.77	-49.12	-2.73	-0.35	
281008N0814418.1 810-144-432	F	425	102	1959	C	---	---	-11.12	-11.57	-1.74	-0.45	
281008N0814418.2 810-144-432A	S	9	6	1959	C	---	---	- 8.22	- 6.98	-3.57	-1.24	
281317N0814913.1 813-149-423	F	218	78	1959	S	- 6.76 1969	- 7.12 1970	-10.19	- 8.60	-3.07	+1.59	
281317N0814913.2 813-149-423A	S	27	19	1959	S	- 4.32 1970	- 4.47 1969	- 5.50	- 6.39	-1.18	-0.89	
281440N0814317.1 814-143-232	F	285	80	1960	S	- 9.44 1969	- 9.55 1970	-12.64	-10.77	-3.09	+1.87	
281440N0814317.2 814-143-232A	S	18	15	1960	S	- 5.12 1970	- 5.77 1969	- 7.61	- 7.21	-2.49	+0.40	

Table 1.—Continued

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						May or June		1971	1972	1970-1971	1971-1972	
						High (year)	Low (year)					
POLK COUNTY (continued)												
281532N0813450.1 815-134-134	F	250	85	1960	C	---	---	-13.00	-13.92	---	-0.92	
281532N0813450.2 815-134-134A	S	32	29	1960	B	---	---	-12.17	-12.95	---	-0.78	
281511N0813931.1 815-139-342	F	453	358	1960	S	-64.78 1970	-67.58 1969	-69.57	-70.91	-4.79	-1.34	
281511N0813931.2 815-139-342A	S	92	89	1960	S	-66.44 1970	-65.48 1969	-69.13	-71.69	-2.69	-2.56	
281532N0814930.1 815-149-233	F	231	78	1960	S	- 6.10 1969	- 7.11 1970	- 9.25	- 7.68	-2.14	+1.57	
281541N0815721.1 813-157-232	F	168	52	1959	S	- 4.64 1969	- 5.02 1970	- 7.50	- 5.69	-2.48	+0.81	
PUTNAM COUNTY												
292528N0813835.1 28 (325-138-1)	F	159	---	1936	B	- 6.2 1944	-10.36 1968	- 8.80	- 8.18	-1.78	+0.62	S
293913N0813840.1 29 (939-138-1)	F	300R	---	1936	B	+10.8 1936 & 1957	- 0.73 1968	+ 0.58	+ 0.75	-2.94	+0.17	S
293720N0815345.1 937-153-1	F	303R	300	1934	S	-29.42 1967	-35.65 1957	-29.70	---	+1.15	---	
293940N0813430.1 939-134-11	F	547	113	1958	S	+ 4.26 1959	- 9.67 1968	- 4.48	+ 1.14	-3.38	+5.62	
294356N0815258.1 943-152-1	H	151	125	1956	B	-42.45 1966	-46.71 1968	-45.87	-45.23	-2.80	+0.64	
ST. JOHNS COUNTY												
300759N0812307.1 5 (007-123-1)	F	350R	180	1934	A	+43.9 1951	+32.1 1968	+30.5	+30.7	-2.1	+0.2	
300556N0812910.1 8 (005-129-1)	F	336R	240	1934	A	+36.5 1947	+20.7 1968	+22.5	+22.0	0.00	-0.5	
300048N0812333.1 000-123-2	F	258	---	1957	B	+ 4.72 1959	- 4.64 1968	- 3.69	- 1.63	-1.78	+2.06	
293729N0812212.1 937-122-1	F	622	142	1958	C	-17.30 1959	-23.13 1968	-22.77	-20.84	-1.10	+1.93	
294120N0812920.1 941-129-7	F	541	118	1955	B	+10.1 1959	-11.51 1968	- 4.69	+ 2.90	-2.57	+7.59	P
294702N0812632.1 947-126-1	F	275	101	1956	B	- 1.55 1958	-31.63 1968	-32.22	- 9.50	-16.42	+22.72	P
295849N0812614.1 SP 5	H	280	260	1971	C	---	---	+ 2.83	+ 2.80	---	---	
ST. LUCIE COUNTY												
271338N0803706.1 41	S	17	13	1950	C	+28.2 1957	+24.20 1967	+26.96	+27.49	+0.01	+0.53	H
272654N0804016.1 42	S	18	13	1950	C	+27.2 1969	+23.76 1961	+26.47	+26.15	+1.35	-0.32	H
272524N0802428.1 STL 125	NA	12	12	1967	C	+19.85 1968	+14.67 1968	+18.40	+18.15	+0.60	-0.25	H

Table 1.— Continued

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						May or June		1971	1972	1970-1971	1971-1972	
						High (year)	Low (year)					
ST. LUCIE COUNTY (continued)												
272644N0803113.1 STL 47	F	745	287	1951	A	+44.5 1961	+37.4 1970	+35.8	+39.8	-0.16	+4.0	M
272023N0801632.1 STL 71	F	1,000	200	1953	A	+44 1961	+37.8 1970	+36.5	+40.3	-1.3	+0.78	M
SANTA ROSA COUNTY												
302135N0870945.1 102 (021-709-8)	S	41	31*	1950	A	- 4.43 1960	- 9.52 1955	- 8.77	- 8.28	-1.36	+0.49	*Screen 31-41 ft.
302409N0865235.1 024-652-2	F	940R	800	1961	S	+30.5 1967	+27.6 1968	+19.2	+14.3	-2.4	-4.9	
303521N0870640.1 035-706-1	G	211	206*	1959	S	-82.84 1961	-98.84 1969	-93.84	-94.58	+2.11	-0.74	*Screen 206-211 ft.
304102N0864940.1 041-649-1	G	98	93*	1959	B	-56.34 1960	-73.30 1969	-63.57	-65.91	+5.98	-2.34	*Screen 93-98 ft.
SARASOTA COUNTY												
270137N0822353.1 Manasota 14	M	305	263	1966	C	+ 5.78 1969	- 4.50 1968	+ 4.89	---	-0.06	---	
270535N0822548.1 705-225-34	L	35	32	1963	B	- 8.90 1968	-13.34 1967	-12.72	- 8.07	-3.09	+4.65	
270542N0822618.1 705-226-35	H	163	86	1963	C	- 4.88 1967	-15.07 1968	-11.58	- 8.47	+2.57	+3.11	
270543N0822619.1 705-226-36	H	68	58	1963	B	- 6.59 1966	-13.39 1968	-12.79	-12.19	-0.04	+0.60	
270542N0822617.1 705-226-37	NA	45	38	1963	C	-11.22 1968	-13.10 1968	-12.25	-11.63	+0.40	+0.62	
270540N0822617.1 705-226-38	NA	22	20	1963	B	-11.88 1969	-13.42 1968	-12.62	-12.10	+0.18	+0.52	
270540N0822618.1 705-226-41	NA	27	24	1963	B	- 7.34 1966	-14.51 1968	---	---	---	---	Well plugged
270542N0822616.1 705-226-39	NA	26	23	1963	B	- 8.55 1966	-13.10 1968	-12.78	-11.93	-0.46	+0.85	
270543N0822617.1 705-226-40	L	40	35	1963	B	- 4.74 1966	-13.18 1968	-12.57	-11.85	-0.18	-0.72	
271118N0822853.1 Oaprey 9	H	255	157	1966	C	+ 5.75 1966	+ 1.31 1969	---	+ 0.14	---	---	
271757N0822413.1 Bee Ridge 15	M	120	67	1966	C	- 4.56 1968	-33.90 1970	-41.42	-32.76	-7.52	+8.66	
271938N0822518.1 9-(719-225-232)	F	730	101	1930	C	+ 5.20 1931	-19.48 1967	-17.20	-13.58	-2.51	+3.62	S
272119N0823251.1	F	337	54	1962	C	+ 2.11 1968	- 4.97 1963	- 2.37	- 2.39	-0.38	-0.02	
SEMINOLE COUNTY												
284130N0812100.1 125 (841-121-1)	F	146	63	1951	C	-34.18 1960	-42.65 1968	-42.34	-41.56	-3.37	+0.78	
294700N0811400.1 257 (847-113-6)	F	206	---	1951	B	+ 5.10 1953	- 0.74 1968	- 0.96	+ 1.73	-2.49	+2.69	

BUREAU OF GEOLOGY

Table 1.— Continued

Well Number	Aquifer	Depth of well (feet)	Depth of casing (feet)	Records began (year)	Frequency of measurements	Water level above (+) or below (-) land surface (feet)						Remarks
						Prior to 1971		Highest water level in May or June		Change in Highest Recorded or observed level in May or June		
						May or June						
						High (year)	Low (year)	1971	1972	1970- 1971	1971- 1972	
SUMNER COUNTY												
285207N0820145.1 852-201-1	F	125	45	1961	B	-29.94 1964	-34.80 1968	-31.54	-31.50	-4.34	+0.04	
282127N0820225.1 821-202-411	F	143	20	1959	C	- 5.30 1970	- 5.95 1969	- 6.22	- 5.41	-0.92	+0.81	
282741N0815857.1 827-158-131	F	175	99	1959	B	- 0.69 1969	- 2.71 1970	- 3.35	- 2.82	-0.64	+0.53	
283618N0820257.1 836-202-131	F	423	200	1963	B	- 6.99 1970	- 7.95 1969	+ 0.02	-10.84	-3.03	-0.82	
285112N0821244.1 851-212-341	F	22	20	1964	B	-10.73 1969	-10.75 1970	-11.22	-10.05	-0.49	+1.17	
285121N0821122.1	F	31	26	1964	B	- 7.52 1970	- 7.92 1969	- 8.38	- 8.14	-0.86	+0.24	
SUNANNEE COUNTY												
301909N0824909.1 019-249-1	F	138	135	1961	B	-18.94 1964	-38.06 1968	-34.60	-32.41	-3.88	+2.19	
300400N0825850.1 004-258-334	F	136R	24	1968	B	-29.15 1970	-39.86 1969	-35.53	-30.84	-6.42	+4.69	
300630N0825620.1 006-250-234	F	214	65	1968	C	-59.29 1970	-67.53 1969	---	---	---	---	
TAYLOR COUNTY												
300358N0831050.1 35 (003-330-1)	F	230	189	1946	C	- 1.00 1949	-33.4 1968	-26.7	-24.7	-4.7	+2.0	
300407N0833143.1 36 (004-331-1)	S	35	---	1947	A	- 5.05 1964	-23.95 1957	-10.40	- 7.91	-4.23	+2.49	
UNION COUNTY												
300101N0822452.1 001-224-1	F	256	198	1960	B	-89.54 1961	-94.52 1968	-93.90	-91.18	-4.47	+2.72	
300747N0822258.1 007-222-1	F	724	694	1958	C	-86.92 1959	-94.78 1968	-93.92	-92.30	-4.43	+1.62	
VOLUSIA COUNTY												
291153N0812534.1 29 (911-125-1)	F	107	---	1936	B	-11.86 1951	-19.97 1963	---	---	---	---	D, 1971
291715N0812818.1 30 (917-128-1)	F	180R	---	1936	B	+11.2 1959	+ 6.61 1968	---	+ 7.2	---	---	
285745N0810540.1 31 (856-105-1)	F	121	113	1936	C	- 4.72 1953	- 8.60 1962	- 6.63	- 6.39	-0.41	+0.24	
291905N0812510.1 32 (919-125-1)	F	138R	---	1936	B	- 1.2 1937 & 1938	- 7.07 1958	- 5.24	- 4.31	-0.95	+0.93	
285106N0811908.1 851-119-8	F	203	105	1956	B	+ 1.06 1967	+ 0.17 1968	---	+ 0.55	---	---	D, 1972
290541N0811329.1 905-113-3	F	639	94	1955	B	- 0.22 1958	- 3.66 1956	- 2.22	- 1.06	-0.80	+1.16	
290920N0810630.1 909-106-1	F	235	102	1955	B	- 5.25 1959	-11.63 1963	-10.89	- 8.94	-1.80	+1.95	

Table 1.-- Continued

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						May or June						
						High (year)	Low (year)	1971	1972	1970-1971	1971-1972	
VOLUSIA COUNTY (continued)												
290920N0810630.2 909-106-9	F	496	480	1955	B	- 6.62 1958	-12.43 1968	-11.50	- 9.88	-1.90	+1.62	
290959N0810502.1 909-123-1	F	221	—	1953	B	+ 2.32 1970	+ 0.05 1968	+ 0.94	+ 0.85	-1.38	+0.09	
291025N0810502.1 910-105-1	F	498	152	1955	B	-12.84 1958	-23.94 1968	—	—	—	—	D, 1971
291133N0810406.1 911-104-4	F	235	115	1955	B	-15.72 1955	-30.19 1968	-29.42	-28.25	-1.98	+1.17	
291133N0810406.2 911-104-9	F	500	483	1955	B	-10.26 1948	-16.83 1968	-16.39	-15.07	-2.26	+1.32	
291904N0810555.1 911-105-1	F	140	—	1967	B	- 0.96 1969	- 5.00 1967	- 5.32	- 2.66	-1.14	+2.66	
290251N0810014.1 I	F	700	316	1966	B	-11.13 1970	-13.37 1968	-14.27	-12.09	-3.14	+2.18	
285525N0811059.1	F	210	88	1971	C	—	—	—	-25.15	—	—	R, 1971
285643N0811226.1 C-1	F	97	85	1967	C	-14.64 1970	-21.76 1968	-18.48	—	-3.84	—	D, 1972
290138N0812032.2 J-2	F	500	252	1967	S	-27.10 1970	-34.24 1968	-31.55	-31.08	-4.45	+0.47	
290106N0811321.1 L-1	F	92	84	1967	C	- 0.48 1968	- 1.65 1967	- 1.72	—	-0.45	—	D, 1972
290541N0811329.3	F	1,200	639	1969	B	- 6.61 1970	—	- 9.07	- 8.18	-2.46	+0.89	
290541N0811329.4	O	1,290	1,275	1969	B	—	—	-11.62	-12.62	-2.45	-1.00	
290655N0811112.1 D-1	F	95	85	1967	C	- 3.20 1969	- 5.51 1968	- 3.56	- 2.42	-0.33	+1.14	
291113N0810506.1 City Well #44	F	211	111	1968	B	-29.10 1968	-32.13 1969	-32.90	-29.64	-0.60	+3.26	
WAKULLA COUNTY												
300000N0842610.1 11 (000-426-1)	F	70	45	1946	A	- 5.58 1955	- 8.35 1969	- 8.17	- 8.05	-0.77	+0.12	
300540N0841740.1 005-417-1	F	77	—	1961	A	- 1.13 1964	- 4.00 1963	- 2.62	- 2.55	+0.48	+0.07	
300917N0841213.1 2 (009-412-1)	F	65	22	1946	B	- 0.86 1958	- 3.05 1951	- 2.05	- 1.69	+0.21	+0.36	
301156N0841035.1 011-410-1	F	80	—	1961	A	- 0.12 1964	- 2.13 1968	- 1.80	- 1.37	-0.30	+0.43	
WALTON COUNTY												
302214N0860652.1 13 (022-606-1)	F	450R	—	1936	B	+15.8 1950	+ 7.3 1968	—	—	—	—	D, 1971
301946N0860957.1 019-609-1	F	615	188	1961	B	+14.7 1964	+ 9.0 1963	+ 6.13	+ 4.21	-2.67	+1.92	
302221N0860652.1	F	365R	65	1970	B	14.8 1970	8.1 1970	+10.9	+ 8.6	-3.5	-2.3	

BUREAU OF GEOLOGY

Table 1.— Continued

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WALTON COUNTY (continued)												
302357N0861007.1 023-610-1	F	—	—	1961	B	+14.3 1962	+10.3 1968	+ 4.8	+ 4.69	-2.8	-0.11	
302912N0861458.1 029-614-1	F	160	—	1961	B	+21.0 1964	+15.5 1963	+ 9.4	+ 7.2	-3.0	-2.2	
303545N0860646.1	F	400R	248	1968	B	-186.79 1968	-218.72 1969	-195.88	-203.35	-24.68	-7.47	
304044N0862116.1 040-621-1	F	630	323	1947	B	-126.2 1948	-154.4 1949	—	—	—	—	D, 1971
304358N0861208.1 043-612-1	F	509	323	1961	A	-144.0 1965	-150.1 1969	-147.6	-151.0	+0.06	-3.4	
WASHINGTON COUNTY												
304632N0854851.1 4 (046-548-1)	F	785R	—	1935	B	- 7.20 1964	-15.09 1954	-10.44	-11.95	+0.29	-1.51	
303025N0853505.1 030-535-422A	F	150	110	1962	C	- 2.4 1965	-12.76 1963	- 7.64	- 8.29	+1.78	-0.65	
303025N0853505.2 030-535-422B	NA	26	23*	1962	B	- 3.45 1964	- 6.56 1962	- 3.48	- 4.18	+1.11	-0.70	
303714N0854226.1 037-542-431A	F	206	202	1961	B	-13.72 1964	-20.20 1963	-18.17	-18.61	+0.51	-0.44	



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