

LOW-FLOW FREQUENCY ANALYSES FOR STREAMS
IN WEST-CENTRAL FLORIDA

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ABBREVIATIONS AND CONVERSION FACTORS

Factors for converting inch-pound units to International System of Units (SI)
and abbreviations of units

| <u>Multiply</u> | <u>By</u> | <u>To obtain</u> |
|---|-----------|---|
| inch (in.) | 25.4 | millimeter (mm) |
| foot (ft) | 0.3048 | meter (m) |
| mile (mi) | 1.609 | kilometer (km) |
| square mile (mi ²) | 2.590 | square kilometer (km ²) |
| cubic foot per second (ft ³ /s) | 0.02832 | cubic meter per second (m ³ /s) |

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ABSTRACT

The log-Pearson type III distribution was used for defining low-flow frequency at continuous-record stations in west-central Florida. Frequency distributions covering 1, 3, 7, 14, 30, 60, 90, 120, and 183 consecutive-day periods for recurrence intervals of 2, 5, 10, and 20 years are presented.

Discharge measurements at low-flow partial-record stations and miscellaneous discharge-measurement stations were correlated with concurrent daily mean discharge at continuous-record stations. Estimates of the 7-day, 2-year; 7-day, 10-year; 30-day, 2-year; and 30-day, 10-year discharges were made for most low-flow partial-record and miscellaneous discharge-measurement stations based on those correlations. Where there were large numbers of concurrent base-flow measurements and good correlation, additional points on the frequency curves were estimated.

Multiple linear-regression analysis was used in an attempt to mathematically relate low-flow frequency data to basin characteristics. The resulting equations showed an apparent bias and were considered unsatisfactory for use in estimating low-flow characteristics.

Maps of the 7-day, 10-year and 30-day, 10-year low flows are presented. Techniques that can be used to estimate low-flow characteristics at an ungaged site are also provided. For all continuous-record stations, 7-day, 10-year and 30-day, 10-year low flows are compared to 90 and 95 percent flow-duration discharges and the regulatory minimum flow defined by the Southwest Florida Water Management District. An example application of low-flow data for estimating water-supply potential is also included.

INTRODUCTION

Low-flow frequency information is needed to assess the water-supply potential and waste-load assimilation capacity of streams in west-central Florida (fig. 1). The suitability of streams as wildlife habitats is also related to minimum streamflow. Low-flow characteristics may be used for forecasting seasonal low flows or as indicators of ground-water contributions to streamflow. Low-flow characteristics may also be used as indexes for regulatory or water-management purposes.

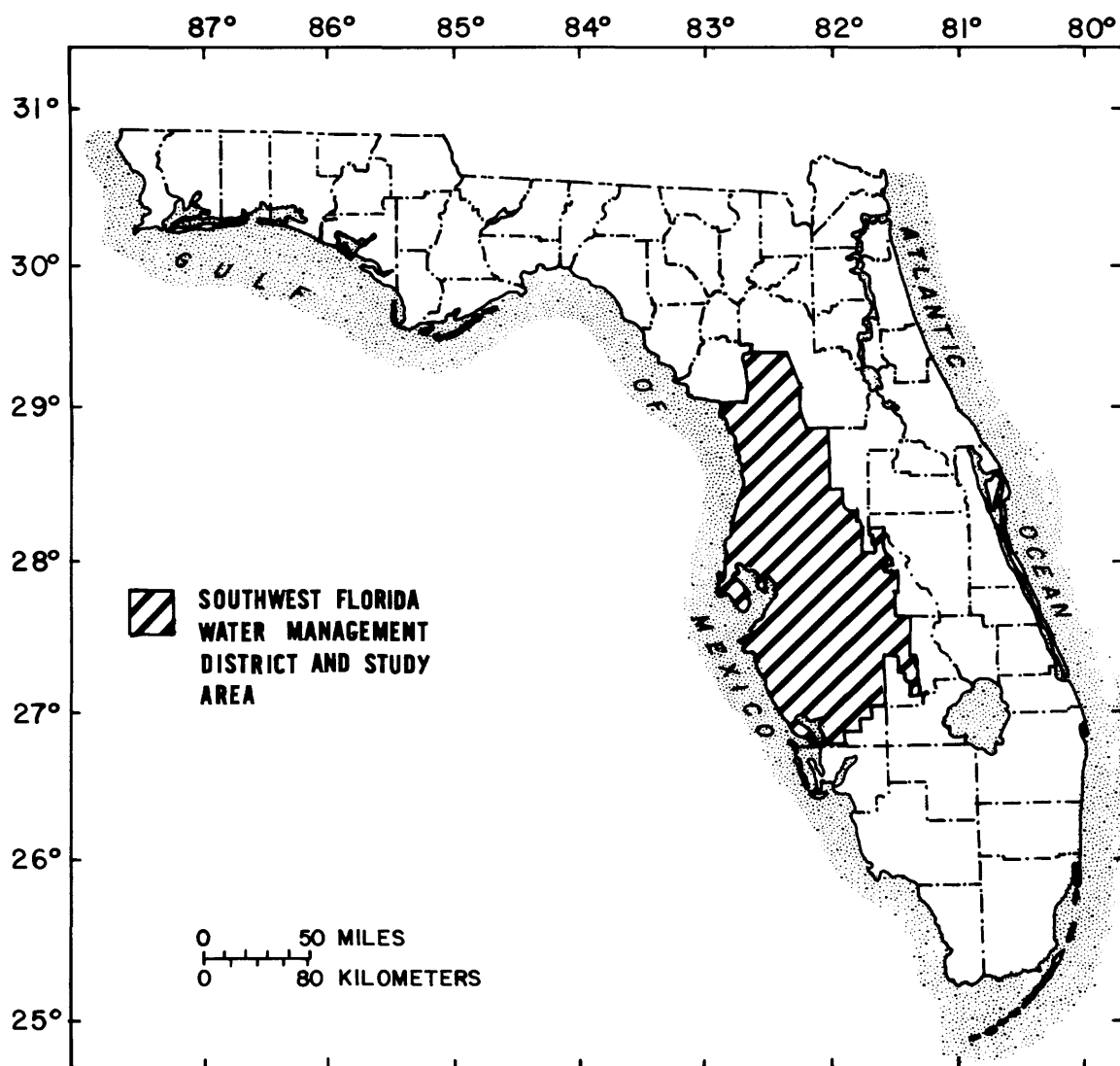


Figure 1.--Location of study area.

A consistent and uniformly applicable procedure is needed for estimating the magnitude and frequency of low flows at gaged and ungaged sites on streams. At sites where long-term systematic streamflow record is available, reliable low-flow frequency information can usually be determined from the record. Where miscellaneous or periodic discharge measurements are available, the measurements can be correlated with long-term continuous-record gaging stations to obtain estimates of low-flow frequency. Unfortunately, long-term streamflow records or miscellaneous discharge measurements are not always available where low-flow information is needed. Personnel and cost considerations make it impossible to maintain and operate continuous-record or low-flow partial-record stations at all sites where low-flow information might be needed.

Purpose and Scope

The purpose of this report is to present techniques that can be used to estimate the magnitude and frequency of low flow for streams in west-central Florida. Low-flow frequency analyses for periods of 1, 3, 7, 14, 30, 60, 90, 120, and 183 consecutive days and for recurrence intervals of 2, 5, 10, and 20 years are presented for continuous-record stations and selected low-flow partial-record stations. Low-flow frequency analyses for selected consecutive-day periods and recurrence intervals are also presented for the remaining low-flow partial-record stations and for miscellaneous discharge-measurement stations. Maps that show the 7-day, 10-year and 30-day, 10-year low flows at each station are provided. Computed regulatory minimum discharges for continuous-record gaging stations in west-central Florida are compared to values of low-flow frequency and flow duration.

Multiple linear-regression analysis was used in an attempt to define mathematical relations between low-flow frequency data and basin characteristics. The results of the regression analyses were unsatisfactory, but a discussion of the procedure is provided.

The report also presents an application of low-flow frequency information in determining water-supply potential for two long-term, continuous-record gaging stations. Estimates of water-supply potential for selected draft rates are provided for one station in the Peace River basin and one station in the Myakka River basin.

Previous Studies

Low-flow frequency data have been compiled in several previous reports. Heath and Wimberly (1971) tabulated flow-duration data and lowest mean discharges for various consecutive-day periods for selected continuous-record gaging stations in Florida. The tables include data through water-year 1965. The report also explains how the tabulated data can be used to produce low-flow frequency and flow-duration curves for the gaging stations.

Regional low-flow frequency information that covers west-central Florida is available in a report by Rabon (1971). Rabon used records through the 1970 water year to develop regional low-flow relations in a regression analysis of minimum streamflow and basin characteristics. Equations were developed for minimum 7-day mean discharges that have recurrence intervals of 2, 10, and 20 years. Standard errors of estimate for those equations are 113, 419, and 562 percent, respectively. Because of the large standard errors of estimate, Rabon concluded that low-flow characteristics at ungaged sites could not be adequately estimated from his regional equations.

A map of 7-day, 10-year low flows in Florida was prepared by Stone (1974). Only gaging stations that had 10 or more years of record were used in the report. The map provides an overview of the areal variation of 7-day, 10-year low flows, but cannot be used for estimating low-flow information at ungaged sites.

Hughes (1981) presented low-flow frequency data for continuous-record gaging stations in Florida. Gaging stations that had records of 7 years or more as of 1977 were included. Lowest average discharges for periods of 1, 7, 14, 30, 60, 90, 120, and 183 consecutive days and recurrence intervals of 2, 5, 10, 20, 30, and 50 years were tabulated. Analyses were based on a climatic year beginning July 1. Correlation techniques were used to adjust some short-term records. Because of the larger data base and longer period of record that are now available, low-flow discharges provided in this report should be used in preference to those provided by Rabon, Stone, or Hughes.

DESCRIPTION OF STUDY AREA

The study area encompasses all or part of 16 counties, about 10,000 mi², in the Southwest Florida Water Management District (fig. 1). The Florida Board of Conservation (1966) and Florida Department of Natural Resources (1974) provide general descriptions of the area. The topography, physiography, and geomorphology have been described by Cooke (1939), White (1958; 1970), Puri and Vernon (1964), and Healy (1975). The geology has been described by Matson and Sanford (1913), Cooke (1945), and Puri and Vernon (1964). More recently, the Florida Bureau of Geology has published an environmental geology map series: Knapp (1978; 1980), Scott (1978), Lane and others (1980), Deuerling and MacGill (1981).

The Hillsborough, Peace, and Withlacoochee River basins are the three main basins in the study area (fig. 2). The north is largely devoid of streams except for the Withlacoochee River and several small, tidally-affected, spring-fed streams along the coast. In the central and southern parts, the Alafia, Manatee, Little Manatee, and Myakka Rivers drain the coastal areas.

Most of the river basins have flat slopes, especially near the coast. About one-third of the continuous-record gaging stations have basin slopes of less than 2 feet per mile. Land-surface altitudes range from sea level to about 300 feet above sea level in the east. The flat basin slopes tend to produce ponding, and flow is particularly sluggish during periods of low flow.

Other factors also affect streamflow. Many streams empty into estuaries and their lower reaches are tidally affected. Lakes and swamps in the river basins act as retention areas and tend to lengthen the recession segments of discharge hydrographs. In the central area, where large sections have been strip-mined for phosphate ore, some natural surface-drainage patterns have been disrupted.

Ground-water contribution to base flow is influenced by configuration of the underlying aquifer system, which is determined by geology. Figure 3 shows the general geology of the study area. The age of the formations decreases from north to south. In the northern part, limestones and dolomites of the Eocene and Oligocene Series are exposed at land surface or are covered by unconsolidated porous sand. Large phosphate deposits of the Miocene Series occur in the central and southern parts. Limestone and clay of the Pleistocene and Holocene Series occur in the southernmost part.

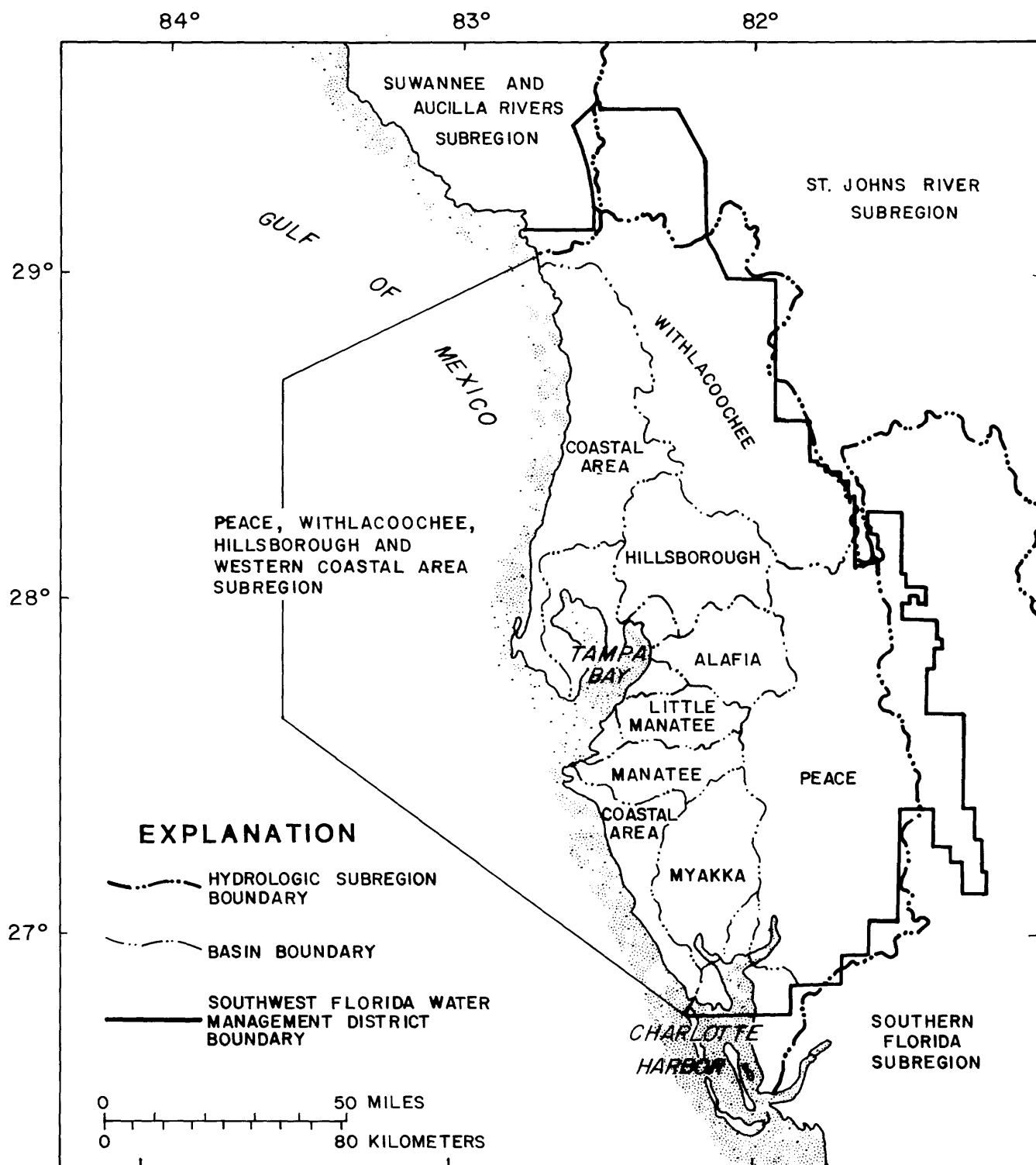


Figure 2.--Major river basins (modified from River Basin and Hydrologic Unit Map of Florida, Florida Bureau of Geology, Map Series 72, 1975).

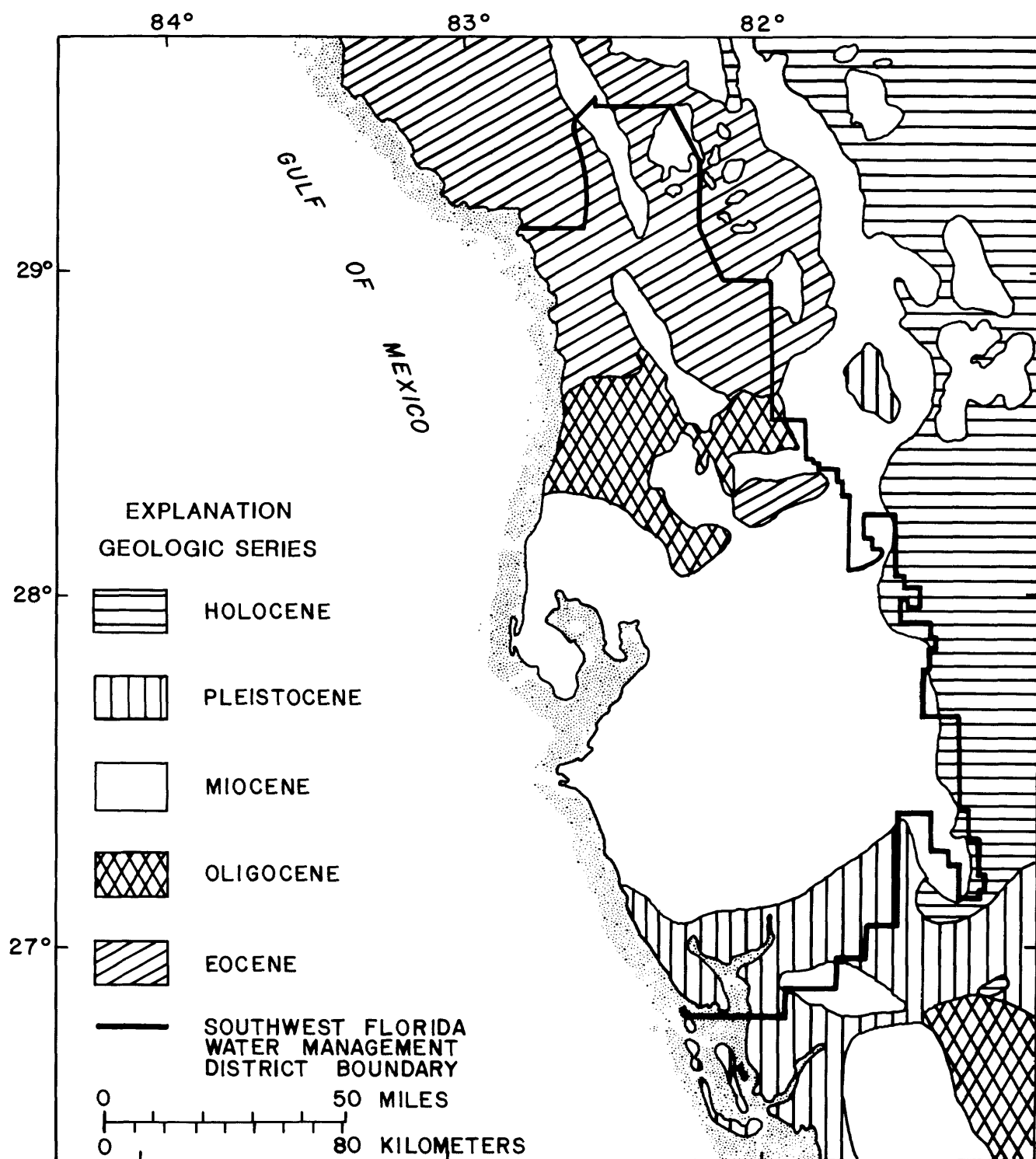


Figure 3.--Geology (modified from Geologic Map of Florida, Florida Bureau of Geology, Map Series 18, 1965).

The Floridan aquifer system underlies the entire area. The aquifer system is composed of limestone and dolomite of the Eocene, Oligocene, and Miocene Series as described by Stringfield (1966). The Floridan aquifer system is at or near land surface in the north where several springs contribute substantially to base flow in coastal areas. Along the northern coastal section, many springs discharge directly into estuaries. Springs have been cataloged and described by Ferguson and others (1947), Rosenau and Faulkner (1974), and Rosenau and others (1977).

In areas where the water table of the surficial aquifer is higher than the potentiometric surface of the Floridan aquifer system, mainly along the eastern part of the study area, water may seep downward, thereby reducing ground-water contribution to streamflow. Where the potentiometric surface has declined due to pumping, as it has in the central part of the study area (Mills and Laughlin, 1974), there is an increased potential for reduced ground-water contribution to streamflow. In areas where the potentiometric surface is higher than the water table, primarily near the Gulf Coast, upward seepage can occur that recharges the surficial aquifer and thereby increases ground-water contribution to streamflow.

Annual rainfall averages about 52 inches, with more than half occurring from June to September when localized thundershowers and squalls occur. The period from October through February is characteristically dry, November being the driest month. Rain during fall, winter, and spring is usually the result of large frontal systems and tends to be broadly distributed rather than localized.

Annual minimum streamflow normally occurs in April, May, or early June. Periods of 30 days or longer when there is less than an inch of rain are common from mid-April to late May and sometimes until mid-June. These periods of low rainfall coincide with periods of increased evaporation. Evaporation is greatest during May (Farnsworth and Thompson, 1982) when pan evaporation ranges from 7 to 8 inches. Farnsworth and others (1982) have estimated that free water-surface evaporation is about 48 inches per year.

From 1960 to 1981, rainfall was below average during most years. Palmer and Bone (1977) indicated that, at 10 of 14 sites in west-central Florida, rainfall during 1961 to 1976 was the lowest of any 16-year period since 1915. During 1979, rainfall was 15 to 20 inches above normal in the central part of the study area. Rainfall was again below normal in 1980 and 1981 and some minimum discharges of record occurred on some streams in 1981. Figure 4 shows departures from average annual rainfall for three National Weather Service stations within the study area.

Deficient rainfall can affect low-flow frequency distributions. The occurrence of extreme low-flow that results from deficient rainfall will tend to skew the frequency distribution of a station that has a short period of record, and the recurrence interval of the extreme event will tend to be underestimated. In general, the occurrence of below average rainfall at a station that has a short period of record will tend to produce estimates of low flow that are lower than estimates computed from a longer, more hydrologically diverse period of record.

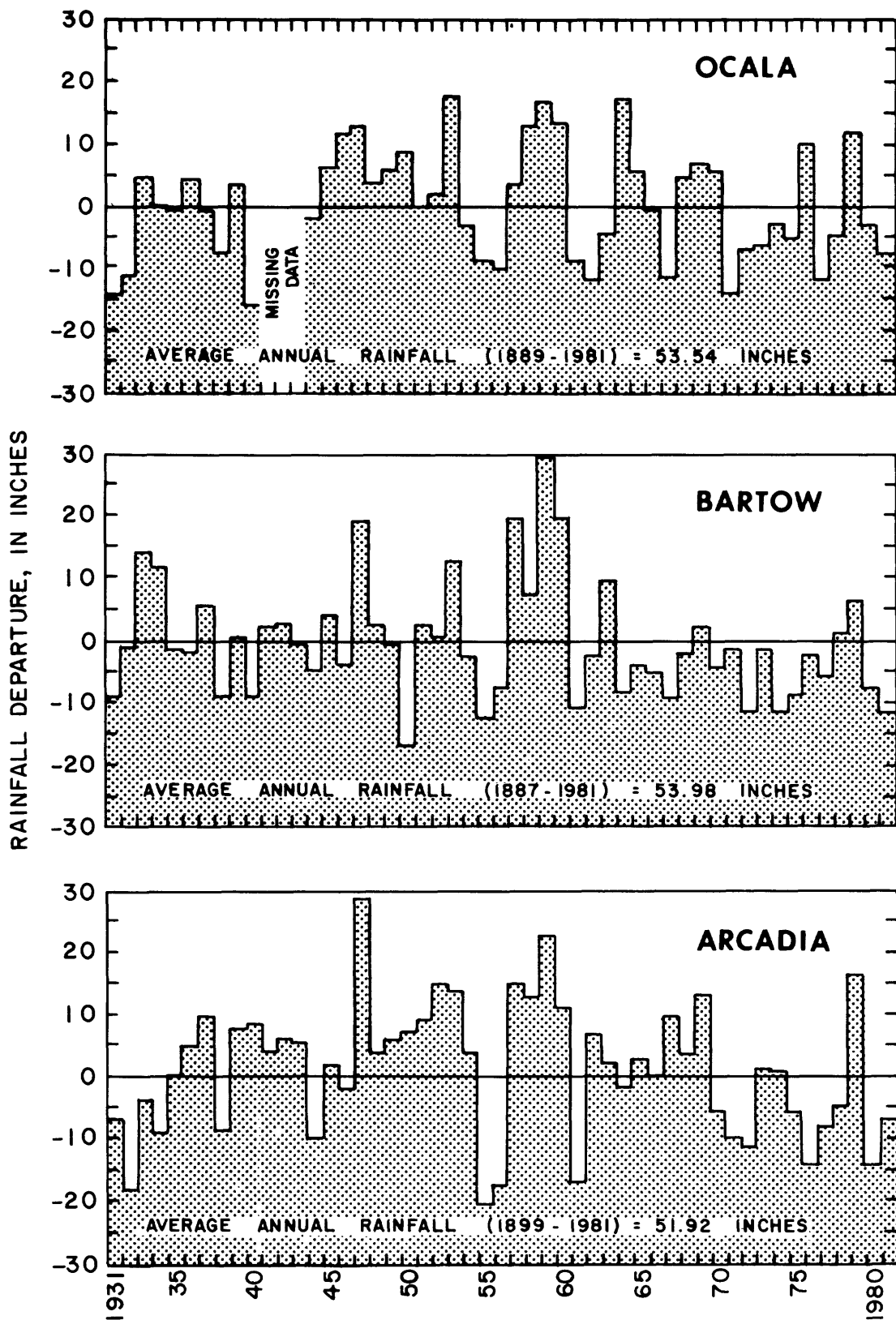


Figure 4.--Departure from average annual rainfall at three National Weather Service stations, 1931-81.

DATA USED IN THE ANALYSES

A network of 116 continuous-record gaging stations in west-central Florida was included in the analyses. As of 1982, about 30 percent of the stations were no longer in operation. Seven or more years of record were available at each station; data through the 1981 water year were included in the analyses. Stations affected by regulation or diversion were included. A list of stations and their minimum discharges of record are provided in table 1. Station locations are shown in figures 5 and 6.

A network of 109 low-flow partial-record and miscellaneous discharge-measurement stations was selected to supplement the network of continuous-record stations (figs. 5 and 6). About 10 of the miscellaneous stations had not been measured previously. At some of the low-flow partial-record stations, as many as 50 discharge measurements were available. At least four visits were made to each miscellaneous or partial-record station during the study. At some stations, there was zero flow during three of the visits. A list of low-flow partial-record and miscellaneous discharge-measurement stations, the number of measurements available, and the lowest discharge measured are provided in table 2.

Discharge measurements at stations in the supplemental network were made during the spring and fall of 1980 and 1981. April 1980 represented high base-flow conditions in the central and southern parts of the area. The high base flows resulted from heavy rains and flooding that had occurred during September and October 1979. June 1981 represented an extreme low-flow condition. In May 1981, discharge of the Peace River at Arcadia (fig. 5) was lower than at any time in the preceding 50 years.

Discharge measurements and observations of zero flow that were made as part of this study are presented in the supplementary data section at the end of this report. Previous discharge measurements made at low-flow partial-record and miscellaneous discharge-measurement stations have been published by the U.S. Geological Survey in Water-Supply Papers and in the annual series "Water Resources Data for Florida."

LOW-FLOW FREQUENCY ANALYSIS

Frequency analyses for continuous-record, low-flow partial-record, and miscellaneous discharge-measurement stations are presented in the supplementary data section at the end of this report. The low-flow data used in frequency analyses were based on the water year that begins October 1. In most parts of the United States, lowest discharges generally occur in late summer or early fall, and it is customary to determine low-flow frequency data based on the climatic year that begins April 1. In west-central Florida, minimum discharges usually occur in April, May, or early June, and therefore, using the water year insures that low-flow periods are continuous within the year.

Table 1.--Minimum discharges of record at continuous-record gaging stations
[ind - indeterminate]

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Period of record | Minimum discharge | |
|--------------------|---|--|-------------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Year ^{2/} |
| 1 | 02236500 Big Creek near Clermont | 68 | 1959-81 | 0 | (11) |
| <u>3/2</u> | 02236900 Palatlahaha River at Cherry Lake outlet near Groveland | 165 | 1958-81 | 0 | (17) |
| 3 | 02237000 Palatlahaha River near Mascotte | 182 | 1946-55 | .70 | 1955 |
| <u>3/4</u> | 02237700 Apopka-Beauclair Canal near Astatula | 184 | 1959-81 | 0 | (9) |
| 5 | 02238000 Haines Creek at Lisbon (before Burrell Dam) | 648 | 1943-55 | 74 | 1943 |
| <u>3/6</u> | 02238000 Haines Creek at Lisbon | 648 | 1958-78 | 0 | 1975 |
| <u>3/7</u> | 02238500 Oklawaha River at Moss Bluff | 879 | 1944-55 1968-81 | 0 | (2) |
| <u>3/8</u> | 02239000 Oklawaha River near Ocala | 1,070 | 1931-67 | 4.0 | <u>4/</u> 1968 |
| 9 | 02239500 Silver Springs near Ocala | ind | 1933-81 | 539 | 1957 |
| <u>3/10</u> | 02240000 Oklawaha River near Conner | 1,196 | 1931-46 1978-81 | 631 | 1933 |
| 11 | 02240500 Oklawaha River at Eureka | 1,420 | 1931-34 1944-52 | 626 | 1933 |
| 12 | 02240945 Hogtown Creek near Arredondo | 41.2 | 1973-81 | 1.2 | 1981 |
| 13 | 02242451 Orange Lake outlet near Citra | 1,012 | 1947-55 | 0 | 1955 |
| 14 | 02242500 Lochloosa Slough near Lochloosa | ind | 1947-55 | 0 | (6) |
| 15 | 02243000 Orange Creek at Orange Springs | 469.0 | 1943-52 1956-71 1976-81 | 2.0 | 1956 |

Footnotes are at end of table.

Table 1.--Minimum discharges of record at continuous-record gaging stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Period of record | Minimum discharge | |
|--------------------|--|--|------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Year ^{2/} |
| 16 | 02243500 Oklawaha River near Orange Springs | 2,010 | 1931-52 | 741 | 1933 |
| <u>3/</u> 17 | 02243960 Oklawaha River at Rodman Dam near Orange Springs | 2,165 | 1969-81 | 0 | 1969 |
| 18 | 02244000 Oklawaha River at Riverside Landing near Orange Springs | 2,165 | 1944-68 | 697 | 1957 |
| 19 | 02256000 Fisheating Creek near Venus | 188.0 | 1956-65 | 0 | (7) |
| 20 | 02256500 Fisheating Creek at Palmdale | 311.0 | 1932-81 | 0 | (40) |
| 21 | 02262900 Boggy Creek near Taft | 83.6 | 1960-81 | 0 | 1981 |
| <u>3/</u> 22 | 02263500 St. Cloud Canal at S-59 near St. Cloud | 308 | 1943-68 | 0 | (12) |
| 23 | 02263800 Shingle Creek at airport near Kissimmee | 89.2 | 1959-81 | 0 | (5) |
| <u>3/</u> 24 | 02263869 South Lake outlet above S-15 near Vineland | 4 | 1973-81 | 0 | (9) |
| 25 | 02264000 Cypress Creek at Vineland | 30.3 | 1946-81 | 0 | (29) |
| 26 | 02264100 Bonnet Creek near Vineland | 56.1 | 1972-81 | 0 | (4) |
| <u>3/</u> 27 | 02264495 Shingle Creek at Campbell | 180 | 1969-81 | 3.1 | 1971 |
| <u>3/</u> 28 | 02265000 South Port Canal at S-61 near St. Cloud | 620 | 1943-68 | 0 | (5) |
| <u>3/</u> 29 | 02266000 Canoe Creek near St. Cloud | 86.5 | 1951-58 | 0 | 1956 |
| 30 | 02266200 Whittenhorse Creek near Vineland | 12.4 | 1967-81 | 0 | (15) |

Footnotes are at end of table.

Table 1.--Minimum discharges of record at continuous-record gaging stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Period of record | Minimum discharge | |
|--------------------|--|-------------------------------------|--------------------|--------------------|--------------------|
| | | | | ft ³ /s | Year ^{2/} |
| 31 | 02266300 Reedy Creek near Vineland | 75 | 1967-81 | 0 | (2) |
| 32 | 02266480 Davenport Creek near Loughman | 23 | 1970-81 | .37 | 1981 |
| 33 | 02266500 Reedy Creek near Loughman (before structure 40) | 110 | 1940-59 | 2.4 | 1956 |
| <u>3/</u> 34 | 02266500 Reedy Creek near Loughman | 110 | 1971-81 | 0 | (9) |
| 35 | 02267000 Catfish Creek near Lake Wales | 58.9 | 1948-81 | .28 | 1981 |
| 36 | 02269500 Reedy Creek near Frostproof | 60.9 | 1947-71 | 0 | 1967 |
| 37 | 02270000 Carter Creek near Sebring | 38.8 | 1955-66 | 2.3 | 1962 |
| 38 | 02270500 Arbuckle Creek near De Soto City | 379.0 | 1940-81 | .57 | 1981 |
| <u>3/</u> 39 | 02271000 Stearns Creek near Lake Placid | 44.0 | 1956-68 | 0 | (4) |
| 40 | 02271500 Josephine Creek near De Soto City | 109 | 1947-75 1979-81 | .3 | 1956 |
| 41 | 02293000 Orange River near Fort Myers | 83.4 | 1937-46 | 0 | (7) |
| <u>3/</u> 42 | 02293694 Peace Creek drainage canal near Dundee | 50 | 1947-59 | 0 | (2) |
| 43 | 02293986 Peace Creek drainage canal near Alturas | 160.0 | 1948-71 | .10 | 1967 |
| <u>3/</u> 44 | 02294068 Lake Lulu outlet at Eloise | 23 | 1947-71 | 0 | (5) |
| <u>3/</u> 45 | 02294491 Saddle Creek at structure P-11 near Bartow | 135.0 | 1965-81 | 0 | (16) |
| 46 | 02294650 Peace River at Bartow | 390.0 | 1940-81 | 1.1 | 1968 |

Footnotes are at end of table.

Table 1.--Minimum discharges of record at continuous-record gaging stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Period of record | Minimum discharge | |
|--------------------|--|--|------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Year ^{2/} |
| 47 | 02294898 Peace River at Fort Meade | 465 | 1975-81 | 1.2 | 1981 |
| 48 | 02295420 Payne Creek near Bowling Green | 121.0 | 1964-68 1980-81 | .84 | 1967 |
| 49 | 02295637 Peace River at Zolfo Springs | 826.0 | 1934-81 | 22 | 1977 |
| 50 | 02296223 Little Charley Bowlegs Creek near Sebring | 41.9 | 1953-81 | 0 | (17) |
| 51 | 02296500 Charlie Creek near Gardner | 330.0 | 1951-81 | .13 | 1975 |
| 52 | 02296750 Peace River at Arcadia | 1,367.0 | 1932-81 | 34 | 1981 |
| 53 | 02297100 Joshua Creek at Nocatee | 132.0 | 1951-81 | 0 | (2) |
| 54 | 02297310 Horse Creek near Arcadia | 218.0 | 1951-81 | 0 | (2) |
| 55 | 02298123 Prairie Creek near Fort Ogden | 233.0 | 1964-68 1978-81 | 0 | 1965 |
| ^{3/} 56 | 02298202 Shell Creek near Punta Gorda | 373.0 | 1966-81 | 0 | (10) |
| 57 | 02298608 Myakka River at Myakka City | 125.0 | 1964-66 1978-81 | 0 | (2) |
| 58 | 02298830 Myakka River near Sarasota | 229.0 | 1937-81 | 0 | (28) |
| 59 | 02299470 Big Slough near Murdock | 87.5 | 1964-72 | 0 | 1972 |
| 60 | 02299750 Phillippe Creek near Sarasota | 24 | 1964-68 1980-81 | .24 | 1967 |
| 61 | 02299950 Manatee River near Myakka Head | 65.3 | 1967-81 | 0 | 1975 |
| 62 | 02300000 Manatee River near Bradenton | 80.0 | 1940-65 | .60 | ^{4/} 1939 |
| 63 | 02300100 Little Manatee River near Fort Lonesome | 31.4 | 1964-81 | 0 | (14) |

Footnotes are at end of table.

Table 1.--Minimum discharges of record at continuous-record gaging stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Period of record | Minimum discharge | |
|--------------------|--|-------------------------------------|---------------------|--------------------|--------------------|
| | | | | ft ³ /s | Year ^{2/} |
| 64 | 02300500 Little Manatee River near Wimauma | 149.0 | 1940-81 | 0.78 | 1976 |
| 65 | 02301000 North Prong Alafia River at Keyssville | 135 | 1951-81 | 3.6 | 1952 |
| 66 | 02301300 South Prong Alafia River near Lithia | 107.0 | 1964-81 | .13 | 1981 |
| 67 | 02301350 Little Alafia River near Hopewell | 8.65 | 1967-79 | 0 | (10) |
| 68 | 02301500 Alafia River at Lithia | 335.0 | 1933-81 | 6.60 | 1945 |
| 69 | 02301800 Sixmile Creek at Tampa | 28 | 1957-69 | 4.40 | 1962 |
| 70 | 02301900 Fox Branch near Socrum | 9.5 | 1965-81 | 0 | (9) |
| 71 | 02302500 Blackwater Creek near Knights | 110 | 1952-81 | 0 | (2) |
| 72 | 02303000 Hillsborough River near Zephyrhills | 220 | 1940-81 | 44 | 1977 |
| 73 | 02303100 New River near Zephyrhills | 15 | 1965-74 | 0 | (10) |
| ^{3/} 74 | 02303300 Flint Creek near Thonotosassa | 60 | 1957-58 1971-81 | 0 | (3) |
| 75 | 02303330 Hillsborough River at Morris Bridge near Thonotosassa | 375 | 1973-81 | 36 | ^{4/} 1972 |
| 76 | 02303350 Trout Creek near Sulphur Springs | 23 | 1975-81 | 0 | (7) |
| 77 | 02303400 Cypress Creek near San Antonio | 56.0 | 1964-81 | 0 | (10) |
| 78 | 02303420 Cypress Creek at Worthington Gardens | 117.0 | 1975-81 | 0 | (7) |

Footnotes are at end of table.

Table 1.--Minimum discharges of record at continuous-record gaging stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Period of record | Minimum discharge | |
|--------------------|---|--|------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Year ^{2/} |
| 79 | 02303800 Cypress Creek near Sulphur Springs | 160 | 1965-81 | 0 | (16) |
| <u>3/</u> 80 | 02304500 Hillsborough River near Tampa | 650 | 1939-81 | 0 | 1946 |
| 81 | 02305500 Drainage ditch at Bearss Avenue near Sulphur Springs | 12 | 1947-56 | 0 | (9) |
| <u>3/</u> 82 | 02306000 Sulphur Springs at Sulphur Springs | ind | 1960-81 | .10 | 1981 |
| <u>3/</u> 83 | 02306289 Lake Magdalene outlet near Lutz | 2.2 | 1971-81 | 0 | (8) |
| <u>3/</u> 84 | 02306500 Sweetwater Creek near Sulphur Springs | 7.43 | 1952-81 | 0 | (15) |
| 85 | 02307000 Rocky Creek near Sulphur Springs | 35.0 | 1954-81 | 0 | 1967 |
| 86 | 02307243 Brooker Creek near Odessa | 10.0 | 1947-55 | 0 | (8) |
| 87 | 02307323 Brooker Creek near Lake Fern | 17 | 1971-81 | 0 | (11) |
| 88 | 02307359 Brooker Creek near Tarpon Springs | 30 | 1951-81 | 0 | (28) |
| <u>3/</u> 89 | 02307498 Lake Tarpon Canal at S-551 near Oldsmar | 65 | 1975-81 | 0 | (7) |
| 90 | 02307697 Alligator Creek at Safety Harbor | 9 | 1950-58 1961-74 | 0 | (20) |
| <u>3/</u> 91 | 02308889 Seminole Lake outlet near Largo | 14 | 1951-71 | 0 | (20) |
| 92 | 02309848 South Branch Anclote River near Odessa | 17.1 | 1971-81 | 0 | (11) |

Footnotes are at end of table.

Table 1.--Minimum discharges of record at continuous-record gaging
stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Period of record | Minimum discharge | |
|--------------------|---|--|------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Year ^{2/} |
| 93 | 02310000 Anclote River near Elfers | 72.5 | 1947-81 | 0.40 | 1956 |
| 94 | 02310240 Jumping Gully at Loyce | 43 | 1965-81 | 0 | (17) |
| 95 | 02310300 Pithlachascotee River near New Port Richey | 180 | 1964-81 | 0 | 1981 |
| 96 | 02310352 Bear Creek at Plaza Drive near Hudson | 29.2 | 1971-77 | 0 | (5) |
| <u>5/</u> 97 | 02310750 Crystal River near Crystal River | ind | 1965-77 | <u>5/</u> -- | |
| 98 | 02310800 Withlacoochee River near Eva | 130 | 1959-81 | 0 | (13) |
| 99 | 02310947 Withlacoochee River near Cumpresso | 280 | 1968-81 | 0 | (9) |
| 100 | 02312000 Withlacoochee River at Trilby | 570 | 1931-81 | 6.30 | 1981 |
| 101 | 02312180 Little Withlacoochee River near Tarrytown | 85 | 1967-81 | 0 | (15) |
| 102 | 02312200 Little Withlacoochee River at Rerdell | 145 | 1959-81 | 0 | (4) |
| 103 | 02312500 Withlacoochee River at Croom | 810 | 1940-81 | 4.4 | 1981 |
| 104 | 02312640 Jumper Creek canal near Bushnell | 40 | 1964-81 | .36 | 1981 |
| <u>3/</u> 105 | 02312700 Outlet River at Panacoochee Retreats | 420 | 1963-81 | 0 | 1963 |
| <u>3/</u> 106 | 02312720 Withlacoochee River at Wysong Dam at Carlson | 1,520 | 1966-80 | 85.0 | 1977 |

Footnotes are at end of table.

Table 1.--Minimum discharges of record at continuous-record gaging stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Period of record | Minimum discharge | |
|--------------------|---|--|------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Year ^{2/} |
| <u>3/</u> 107 | 02312975 Tsala Apopka Outfall Canal at S-353 near Hernando | ind | 1969-81 | 0 | (3) |
| 108 | 02313000 Withlacoochee River near Holder | 1,825 | 1932-81 | 112 | 1956 |
| 109 | 02313100 Rainbow Springs near Dunnellon | ind | 1966-81 | 487 | <u>4/</u> 1932 |
| <u>3/</u> 110 | 02313230 Withlacoochee River at Inglis Dam near Dunnellon | 2,020 | 1970-81 | 70 | (9) |
| <u>3/</u> 111 | 02313237 Cross-Florida Barge Canal at Inglis Lock near Inglis | ind | 1971-81 | 0 | (11) |
| <u>3/</u> 112 | 02313250 Withlacoochee River Bypass Channel near Inglis | ind | 1971-81 | 53 | 1972 |
| 113 | 02313500 Waccasassa River near Otter Creek | 300.0 | 1946-53 | 6.5 | <u>4/</u> 1945 |
| <u>5/</u> 114 | 02313700 Waccasassa River near Gulf Hammock | 480 | 1964-78 | <u>5/</u> -- | |
| 115 | 02314000 Otter Creek at Otter Creek | 300.0 | 1946-53 | 0 | (7) |
| 116 | 02314200 Tenmile Creek at Lebanon Station | 26.0 | 1964-81 | 0 | (4) |

^{1/} From figures 5 and 6.

^{2/} Numbers in parentheses indicate number of years when the minimum flow occurred.

^{3/} Station affected by regulation or diversion.

^{4/} Minimum occurred in a partial year outside the period of record used in frequency analysis.

^{5/} Station tidally affected; some negative flows occurred.

Table 2.--Minimum measured discharges at low-flow partial-record and miscellaneous discharge-measurement stations

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Number of measure- ments | Minimum discharge | |
|--------------------|---|-------------------------------------|--------------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Date ^{2/} |
| 201 | 02240105 Daisy Creek near Fort McCoy | 11.4 | 4 | 0 | (3) |
| 202 | 02241900 Lochloosa Creek at Grove Park | 37.4 | 54 | 0 | (17) |
| 203 | 02293390 North Prong Alligator Creek near Punta Gorda | 8.5 | 68 | 0 | (8) |
| 204 | 02294114 Lake Garfield outlet near Alturas | 18.0 | 19 | 0 | (3) |
| 205 | 02294230 Lake Parker Tributary near Lakeland | .6 | 8 | 0 | 4-21-81 |
| 206 | 02294238 Lake Parker Tributary #2 near Lakeland | 3.2 | 8 | .38 | 4-21-81 |
| 207 | 02295013 Bowlegs Creek near Fort Meade | 47.0 | 50 | .62 | 4-04-68 |
| 208 | 02295067 Bowlegs Creek at Pisgah Road near Fort Meade | 70.4 | 11 | 0 | 5-12-67 |
| 209 | 02295356 Payne Creek near Fort Green Springs | 73.9 | 8 | .07 | 5-15-67 |
| 210 | 02295435 Hog Branch near Wauchula | 5.3 | 35 | 0 | 4-30-75 |
| 211 | 02295557 Little Charlie Creek near Wauchula | 37.2 | 10 | .08 | 5-15-67 |
| 212 | 02296049 Charlie Creek near Avon Park | 49.4 | 13 | 0 | (9) |
| 213 | 02296180 Little Charley Bowlegs Creek near Crewsville | 21.2 | 6 | 0 | (3) |
| 214 | 02296201 Haw Branch near Sebring | 5.3 | 35 | 0 | (10) |

Footnotes are at end of table.

Table 2.--Minimum measured discharges at low-flow partial-record and miscellaneous discharge-measurement stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Number of measure- ments | Minimum discharge | |
|--------------------|--|--|-----------------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Date ^{2/} |
| 215 | 02296215 Tiger Branch near Sebring | 2.2 | 39 | 0.05 | 2-07-57 |
| 216 | 02296260 Charlie Creek near Crewsville | 142.0 | 9 | .06 | 4-22-81 |
| 217 | 02296389 Oak Creek near Gardner | 67.0 | 11 | .07 | 5-15-67 |
| 218 | 02296408 Charlie Creek near Zolfo Springs | 287.0 | 30 | .26 | 5-15-67 |
| 219 | 02297000 Joshua Creek near Arcadia | 62.6 | 8 | 0 | 4-25-56 |
| 220 | 02297090 Hawthorne Creek near Nocatee | 39.8 | 11 | 0 | 4-25-56 |
| 221 | 02297147 Horse Creek near Fort Green Springs | 13.3 | 9 | 0 | (6) |
| 222 | 02297251 Horse Creek near Limestone | 128.0 | 12 | 0 | 5-10-67 |
| 223 | 02297266 Horse Creek near Pine Level | 150.0 | 6 | .02 | 4-03-35 |
| 224 | 02297444 Lee Branch near Cleveland | 5.4 | 12 | .03 | 5-28-65 |
| 225 | 02297757 Long Point Marsh near Arcadia | 13.6 | 8 | 0 | (2) |
| 226 | 02298245 Myrtle Slough near Cleveland | 6.2 | 11 | .08 | 4-12-81 |
| 227 | 02298285 Broad Creek near Punta Gorda | 3.9 | 11 | .10 | 5-09-67 |
| 228 | 02298458 Myakka River near Myakka Head | 10.8 | 16 | 0 | (9) |
| 229 | 02298523 Ogleby Creek near Myakka City | 11.4 | 9 | 0 | (6) |
| 230 | 02298970 Myakka River Tributary near Venice | 2.6 | 10 | 0 | 5-03-67 |

Footnotes are at end of table.

Table 2.--Minimum measured discharges at low-flow partial-record and
miscellaneous discharge-measurement stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Number of measure- ments | Minimum discharge | |
|--------------------|---|--|-----------------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Date ^{2/} |
| 231 | 02299188 Deer Prairie Creek near Warm Mineral Springs | 40.5 | 4 | 0.03 | 6-01-81 |
| 232 | 02299350 Cocoplum Waterway Tributary near Murdock | 10.5 | 4 | 0.18 | (2) |
| 233 | 02299410 Big Slough Canal near Myakka City | 36.5 | 32 | 0 | (3) |
| 234 | 02299420 Mud Lake Slough near Myakka City | 17.0 | 5 | 0 | (2) |
| 235 | 02299721 Cow Pen Slough near Venice | 3.1 | 6 | .06 | 6-01-81 |
| 236 | 02299724 Salt Creek Tributary near Venice | .3 | 7 | 0 | 6-01-81 |
| 237 | 02299728 Fox Creek near Laurel | 2.4 | 16 | 0 | (2) |
| 238 | 02299738 South Creek near Osprey | 17.3 | 15 | 0 | 2-21-62 |
| 239 | 02299795 Main-B Canal at Sarasota | 7.7 | 15 | .94 | 5-02-67 |
| 240 | 02299861 Walker Creek at Sarasota | 6.0 | 17 | 0 | 5-02-67 |
| 241 | 02299869 Bolees Creek at Oneco | 1.2 | 10 | .01 | 5-03-65 |
| 242 | 02299920 North Fork Manatee River near Myakka City | 16.2 | 12 | 0 | 6-05-80 |
| 243 | 02299935 East Fork Manatee River near Myakka City | 11.4 | 12 | 0 | 5-11-67 |
| 244 | 02300004 Gilley Creek near Rye | 10.2 | 13 | .18 | 4-20-81 |
| 245 | 02300018 Gamble Creek near Parrish | 50.6 | 13 | .95 | 5-11-67 |

Footnotes are at end of table.

Table 2.--Minimum measured discharges at low-flow partial-record and miscellaneous discharge-measurement stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Number of measure- ments | Minimum discharge | |
|--------------------|---|--|-----------------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Date ^{2/} |
| 246 | 02300029 Braden River at Lorraine | 11.0 | 5 | 0 | 6-02-81 |
| 247 | 02300078 Frog Creek near Terra Ceia | 13.8 | 10 | 1.16 | 5-04-65 |
| 248 | 023000120 Pierce Branch near Wimauma | 7.8 | 5 | .67 | 4-22-80 |
| 249 | 02300200 South Fork Little Manatee River near Duette | 9.4 | 7 | .12 | 4-16-63 |
| 250 | 02300300 South Fork Little Manatee River near Wimauma | 37.5 | 13 | 1.68 | 5-01-67 |
| 251 | 02300852 North Prong Alafia River at Mulberry | 63.0 | 16 | 6.41 | 4-20-81 |
| 252 | 02300907 Lake Drain near Mulberry | 3.3 | 8 | 0 | 4-25-56 |
| 253 | 02300930 Poley Creek near Mulberry | 25.9 | 9 | .04 | 6-01-81 |
| 254 | 02300978 English Creek near Mulberry | 31.4 | 16 | 0 | 6-01-81 |
| 255 | 02301070 South Prong Alafia River near Bradley Junction | 41.3 | 10 | 0 | (3) |
| 256 | 02301314 Mizelle Creek near Keysville | 3.7 | 25 | .06 | 6-04-81 |
| 257 | 02301328 Alafia River near Keysville | 277.0 | 7 | 37 | 4-23-81 |
| 258 | 02301376 Little Alafia River at Durant | 20.8 | 8 | .69 | 6-04-81 |
| 259 | 02301620 Fishhawk Creek near Boyette | 17.4 | 9 | 0 | (4) |
| 260 | 02301680 Bell Creek near Boyette | 20.1 | 10 | .02 | 6-04-81 |

Footnotes are at end of table.

Table 2.--Minimum measured discharges at low-flow partial-record and miscellaneous discharge-measurement stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Number of measure- ments | Minimum discharge | |
|--------------------|--|--|-----------------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Date ^{2/} |
| 261 | 02301787 Sixmile Creek Tributary #3 near Tampa | 8.0 | 7 | 0 | 6-04-81 |
| 262 | 02301794 Sixmile Creek Tributary #4 near Tampa | 1.8 | 7 | 0 | 10-22-81 |
| 263 | 02301798 Sixmile Creek Tributary #5 near Tampa | 0.6 | 6 | 0 | (2) |
| 264 | 02302260 Itchepakesassa Creek near Knights | 34.0 | 9 | .63 | 4-21-81 |
| 265 | 02303130 Busy Branch near Zephyrhills | 9.2 | 25 | 0 | (7) |
| 266 | 02303183 Mill Creek at Thonotosassa Road near Plant City | 7.8 | 7 | 4.09 | 6-05-81 |
| 267 | 02303188 Mill Creek at Forbes Road near Plant City | 9.1 | 8 | 3.82 | 6-09-80 |
| 268 | 02303200 Pemberton Creek near Dover | 21.3 | 42 | 2.38 | 6-17-58 |
| 269 | 02303254 Baker Creek Tributary Canal at U.S. Highway 92 near Seffner | 24.0 | 7 | 0 | (3) |
| 270 | 02303271 Baker Creek near Thonotosassa | 58.0 | 57 | 2.06 | 1-18-71 |
| 271 | 02303344 Trout Creek Tributary near Worthington Gardens | 3.0 | 15 | 0 | (6) |
| 272 | 02303358 Cypress Creek near Darby | 7.1 | 57 | 0 | (18) |
| 273 | 02303990 Cow House Creek near Temple Terrace | 7.1 | 119 | 0 | (26) |

Footnotes are at end of table.

Table 2.--Minimum measured discharges at low-flow partial-record and miscellaneous discharge-measurement stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Number of measure- ments | Minimum discharge | |
|--------------------|--|--|-----------------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Date ^{2/} |
| 274 | 02305800 Drainage ditch at Florida Avenue and Atlantic Boule- vard near Sulphur Springs | 11.1 | 32 | 0 | (5) |
| 275 | 02306717 Rocky Creek near Lutz | 4.8 | 49 | 0 | (18) |
| 276 | 02306770 Rocky Creek at Citrus Park | 16.7 | 29 | 0 | (9) |
| 277 | 02306774 Rocky Creek at State Road 587, Citrus Park | 17.8 | 54 | 0 | 7-16-51 |
| 278 | 02306904 Brushy Creek near Sulphur Springs | 7.0 | 37 | 0 | (8) |
| 279 | 02306927 Brushy Creek Tributary near Citrus Park | 1.6 | 28 | 0 | (15) |
| 280 | 02306950 Brushy Creek near Citrus Park | 11.9 | 54 | 0 | (19) |
| 281 | 02307027 Double Branch Tributary Canal near Oldsmar | 2.1 | 4 | 0 | (2) |
| 282 | 02307181 Brooker Creek near Lutz | 1.1 | 46 | 0 | (30) |
| 283 | 02307537 South Fork Bishop Creek near Oldsmar | .8 | 34 | 0 | (8) |
| 284 | 02307688 Alligator Creek Tributary at Safety Harbor | .8 | 12 | .01 | (2) |
| 285 | 02309258 Stevenson Creek at Clearwater | 4.9 | 43 | .54 | 6-15-67 |
| 286 | 02309421 Curlew Creek near Ozona | 3.3 | 61 | .26 | 6-14-67 |
| 287 | 02309648 Anclote River near Fivay Junction | 8.8 | 20 | 0 | (4) |

Footnotes are at end of table.

Table 2.--Minimum measured discharges at low-flow partial-record and miscellaneous discharge-measurement stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Number of measure- ments | Minimum discharge | |
|--------------------|--|--|-----------------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Date ^{2/} |
| 288 | 02309900 South Branch Anclote River at Odessa | 25.3 | 22 | 0 | (8) |
| 289 | 02310150 Hollin Creek Tributary near Tarpon Springs | 5.0 | 41 | 0 | (7) |
| 290 | 02310224 Sparkman Lake outlet near Masaryktown | 11.7 | 19 | 0 | (9) |
| 291 | 02310280 Pithlachascotee River near Fivay Junction | 150 | 139 | 0 | (23) |
| 292 | 02310285 Fivemile Creek near Fivay Junction | 7.1 | 19 | 0 | (5) |
| 293 | 02310787 Withlacoochee River near Poyner | 16.0 | 5 | 0 | (3) |
| 294 | 02310912 Pony Creek near Poyner | 23.5 | 4 | 0 | (2) |
| 295 | 02310931 Withlacoochee River near Rock Ridge | 262 | 9 | 0 | (4) |
| 296 | 02310944 Withlacoochee River at Cedar Ford near Cumpressco | 291 | 4 | 0 | 10-31-80 |
| 297 | 02310995 Gator Creek near Richland | 80.3 | 21 | 0 | (2) |
| 298 | 02311890 Gator Hole Slough near Lacoochee | 40.3 | 5 | 0 | (4) |
| 299 | 02312145 Mill Creek near Carters Island | 17.5 | 6 | 0 | (4) |
| 300 | 02312726 Rutland Creek near Rutland | 6.4 | 4 | 0 | (2) |
| 301 | 02313215 Turner Creek near Dunnellon | 1.1 | 4 | .003 | 6-04-81 |

Footnotes are at end of table.

Table 2.--Minimum measured discharges at low-flow partial-record and miscellaneous discharge-measurement stations--Continued

| Site ^{1/} | Station number and name | Drainage area (mi ²) | Number of measure- ments | Minimum discharge | |
|--------------------|---|--|-----------------------------------|--------------------|--------------------|
| | | | | ft ³ /s | Date ^{2/} |
| 302 | 02313220 Bell Branch near Dunnellon | 6.2 | 4 | 0.02 | 6-04-81 |
| 303 | 02313260 Withlacoochee River Tributary near Inglis | 5.1 | 4 | 0 | (3) |
| 304 | 02313448 Little Waccasassa River near Bronson | 18.0 | 89 | 0 | (22) |
| 305 | 02313522 Magee Branch near Bronson | 43.3 | 4 | 0 | (3) |
| 306 | 02313614 Wekiva River at Coulter Bridge near Gulf Hammock | 30.1 | 5 | 55.1 | 3-16-32 |
| 307 | 02314098 Cow Creek near Gulf Hammock | 19.5 | 8 | 0 | (3) |
| 308 | 02314134 Sand Slough near Lebanon Station | 32.3 | 6 | 0 | 6-04-81 |
| 309 | 02314170 Tenmile Creek near Dunnellon | 3.7 | 4 | 0 | (4) |

^{1/} From figures 5 and 6.

^{2/} Numbers in parentheses indicate number of times minimum occurred.

Continuous-Record Stations

The U.S. Water Resources Council (1981) recommends use of the log-Pearson type III distribution for flood-frequency analysis, but a standard distribution has not been established for low-flow frequency analysis. Frequency analyses using Pearson type III, log-Pearson type III, Gumbel, and graphical distributions of low-flow data were compared for selected continuous-record stations. The four distributions did not produce significantly different estimates of low-flow frequency. Because computer programs were readily available, the log-Pearson type III distribution was selected for use in defining low-flow frequency at continuous-record stations.

Using a log-Pearson type III distribution, the minimum discharge for each period of consecutive days and selected T-year recurrence intervals was computed as follows:

$$\log Q_{D,T} = M + K_T S \quad (1)$$

where $Q_{D,T}$ = estimate of D-day (period of consecutive days), T-year (recurrence interval) low flow, in cubic feet per second;
 M = mean of the common logarithms of D-day annual minimums;
 K_T = a frequency factor that is a function of skew coefficient and a recurrence interval; and
 S = standard deviation of the common logarithms of D-day annual minimums.

The U.S. Geological Survey computer program A969, described by Meeks (1977), was used to fit the log-Pearson type III distribution to station low-flow data. Program A969 drops all zero discharges before computing the mean, standard deviation, and skew coefficient of the annual series and then adjusts nonexceedance probabilities using the procedure outlined by the U.S. Water Resources Council (1981, p. 5-1).

The accuracy of the station skew coefficient, as an estimate of the true skew of the frequency distribution, is normally a function of the length of record. Skew coefficients are sensitive to extreme events that occur during short periods of record. In flood-frequency analysis, it is customary to use a generalized skew coefficient for stations that have less than 25 years of record. A standard has not been established in low-flow frequency analysis.

Skew coefficients for all continuous-record stations that had 25 or more years of record were plotted on maps of the study area. The skew coefficients did not have any geographic pattern. Also, there was not any discernible relation between skew coefficient and basin characteristics. Station skews were, therefore, used in computation of frequency distributions of all continuous-record stations.

Low-Flow Partial-Record and Miscellaneous Discharge-Measurement Stations

Discharge measurements made at low-flow partial-record and miscellaneous discharge-measurement stations were correlated with concurrent daily mean discharges at continuous-record stations. Least-squares linear-regression equations were computed between pairs of stations. The low-flow partial-record or miscellaneous discharge-measurement station was the dependent variable and one or more continuous-record stations were independent variables. Hirsch (1982) concludes that there is some bias in the variance of a station record extended by this technique. As a result of the bias, station-frequency distributions may tend to be underestimated. A general discussion of the accuracy of low-flow characteristics estimated by two-station comparison is provided in Hardison and Moss (1972).

Estimates of the 7-day, 10-year low flow were made for all of the stations in the network. Estimates of the 7-day, 2-year; 30-day, 2-year; and 30-day, 10-year low flows were made for most of the low-flow partial-record and miscellaneous discharge-measurement stations and are included in the supplementary data section. At 30 of the stations where large numbers of discharge measurements were available and good correlation with a continuous-record station existed, additional low-flow frequency values were estimated.

REGRESSION ANALYSIS

Multiple linear-regression analysis was used in an attempt to mathematically relate minimum discharges to selected basin characteristics. Only streams unaffected by regulation or diversion were included in the regression analyses. The technique produces one equation for each consecutive-day period for each recurrence interval and provides a method for estimating low-flow frequency information at ungaged sites. Results of the regression analyses were unsatisfactory.

The statistical model used in the regression analyses was of the form:

$$\log Q_{D,T} = \log B_0 + B_1 \log X_1 + B_2 \log X_2 + B_3 \log X_3 + \dots \quad (2)$$

where $Q_{D,T}$ = estimate of D-day (period of consecutive days), T-year (recurrence interval) low flow or dependent variable;
 B_0, B_1, B_2, B_3 = regression coefficients or the end product of the regression analysis; and
 X_1, X_2, X_3 = basin characteristics or independent variables.

The form of the equation requires that all variables have values greater than zero. There were a large number of zero discharges. Consequently, 0.1 ft³/s was added to all minimum discharges before computing the regression equations.

Seven basin characteristics were entered as independent variables in the regression analyses. Basin characteristics, described below, are available in the files of the U.S. Geological Survey.

1. Drainage area (DA), in square miles: area that contributes to surface runoff.
2. Basin slope (SL), in feet per mile: slope of the main channel between points 10 and 85 percent of the distance from the streamflow-measurement station to the basin boundary.
3. Swamp area (SW), in percentage of contributing drainage area: area shown as marsh and swamp on topographic maps.
4. Lake area (LK), in percentage of contributing drainage area: area shown on topographic maps.
5. Soil-infiltration index (SO), in inches: potential maximum infiltration under average soil-moisture conditions (Seijo and others, 1979).
6. Rainfall index (RI), in inches: mean annual precipitation for the streamflow-measurement station minus 45 inches.
7. Base-flow recession index (BF), in days: slope of the line drawn tangent to the recession segment of a semilogarithmic streamflow hydrograph. The index is described by Bingham (1979).

Several approaches were used, either singly or in combination, in trying to develop regression equations. Residuals were repeatedly examined for geographic patterns, but none were apparent. Main-stem continuous-record stations that had

large drainage areas were removed from the data set. An attempt was made to find a threshold value, or some combination of the independent variables below which it could be assumed that low flow was zero. None of these efforts produced satisfactory results.

Standard errors of estimate ranged from 85 to more than 250 percent. The standard errors were high in terms of percentage, but were less significant when expressed in terms of volume of flow. For example, the 7-day, 10-year low flow at about 85 percent of the low-flow partial-record and miscellaneous discharge-measurement stations is less than $0.5 \text{ ft}^3/\text{s}$. At a standard error of 200 percent, about two-thirds of the regression estimates would be within $1 \text{ ft}^3/\text{s}$ of the true discharge.

A significant problem resulted from an apparent bias in the regression equations. Discharges computed using the regression equations were consistently less than discharges from the frequency distributions. Zero acts as a lower limiting value for the regression equation. Furthermore, there were a significant number of zero discharges. The bias in the equations probably results from compensating for the zero discharges.

Because of the bias in the regression equations, the high standard errors of estimate, and problems in handling zero discharges, the computed regression equations are not presented here. Alternative methods for determining low-flow data are presented in the following sections.

TECHNIQUES FOR DETERMINING MAGNITUDE AND FREQUENCY OF LOW FLOWS

Several nonquantitative factors must be considered in assessing the accuracy of computed low flows. For instance, the length of record or number of discharge measurements must be considered as well as the climatic conditions during the period when measurements were made. The uniformity or lack of uniformity of low flow at surrounding sites should be taken into account. Several procedures are illustrated in the following sections.

Continuous-Record Stations

The period of record must be considered in evaluating estimates of low flow at any continuous-record station. An example of the effects of record length and climatic factors is shown in table 3 for the Peace River at Arcadia. Average annual rainfall is shown as an indicator of dryness for the selected periods. There is almost a 100-percent difference between the lowest and highest estimates of the 7-day, 10-year low flow. There is more than a 100-percent difference between the lowest and highest estimates of the 2-year and 5-year low flows. Drier periods produce lower estimates of low flow than wet periods. If a station has a short period of record, the frequency analysis can be adjusted by using streamflow data for nearby long-term stations. This two-station comparison technique is described by the U.S. Water Resources Council (1981).

Table 3.--Effect of record length on low-flow frequency distribution for the Peace River at Arcadia (station 02296750)

| Basis of frequency distribution | Number of years | Average annual rainfall ^{1/} (in) | 7-day low flow | | | |
|---------------------------------|-----------------|--|-------------------------------|-----|----|----|
| | | | Recurrence interval, in years | | | |
| | | | 2 | 5 | 10 | 20 |
| 1932-81 | 50 | 53.82 | 110 | 70 | 55 | 45 |
| 1932-56 | 25 | 54.19 | 101 | 65 | 53 | 44 |
| 1957-81 | 25 | 53.46 | 121 | 75 | 58 | 46 |
| 1932-41 | 10 | 54.98 | 92 | 64 | 53 | 45 |
| 1942-51 | 10 | 54.44 | 101 | 64 | 50 | 40 |
| 1952-61 | 10 | 59.64 | 193 | 115 | 82 | 61 |
| 1962-71 | 10 | 51.34 | 116 | 82 | 68 | 58 |
| 1972-81 | 10 | 48.73 | 88 | 56 | 44 | 36 |

^{1/} For National Weather Service station at Bartow.

Low-Flow Partial-Record and Miscellaneous Discharge-Measurement Stations

The factors to consider in evaluating estimates of low flow at low-flow partial-record and miscellaneous discharge-measurement stations are about the same as for continuous-record stations. The period of record at the continuous-record station, number of discharge measurements available, degree of correlation, and climatic conditions during the period when the measurements were made can affect the estimate. Table 4 presents an example of low-flow frequency data for a low-flow partial-record station. The table shows the effect of using subsets of the available measurements in correlation with data from a continuous-record station. In this case, estimates computed from correlation based on six measurements made in 1980 and 1981 are about the same as estimates computed from correlation using all measurements. There is a maximum difference of 0.2 ft³/s between the correlation based on 6 measurements and the correlation based on 25 measurements. Charlie Creek near Gardner (station 02296500, site 51, figs. 5 and 6) was the continuous-record station for all the correlations.

Ungaged Sites

At sites where base-flow measurements have not been made, low-flow frequency data may be estimated by interpolation from figures 5 and 6. If the ungaged site is upstream or downstream from a station where low-flow frequency data are known, an estimate may be made by drainage area ratio.

To illustrate one procedure for estimating low-flow frequency at an ungaged site, assume that Charlie Creek near Crewsville (station 02296260, site 216, figs. 5 and 6) had not been measured. Charlie Creek near Crewsville is upstream from

Table 4.--Effect of number of measurements on low-flow frequency distribution for the Bowlegs Creek near Fort Meade (station 02295013)

| Period of measurements | Number of measurements | 7-day low flow | | | |
|------------------------|------------------------|-------------------------------|-----|-----|-----|
| | | Recurrence interval, in years | | | |
| | | 2 | 5 | 10 | 20 |
| 1964-81 | 25 | 1.1 | 0.7 | 0.5 | 0.4 |
| 1980-81 | 6 | .9 | .6 | .4 | .4 |
| 1967-81 | 12 | 1.1 | .8 | .6 | .5 |
| ^{1/} 1965-81 | 18 | 1.2 | .7 | .5 | .4 |
| ^{1/} 1964-81 | 12 | 1.4 | .8 | .6 | .4 |

^{1/}Measurements randomly selected.

Charlie Creek near Zolfo Springs (station 02296403, site 218, figs. 5 and 6), a miscellaneous discharge-measurement station, and Charlie Creek near Gardner (station 02296500, site 51, figs. 5 and 6), a continuous-record station. Using Charlie Creek near Zolfo Springs, the 7-day, 10-year low flow for the station near Crewsville can be determined as follows:

From table 2:

$$\text{Charlie Creek near Crewsville DA} = 142 \text{ mi}^2$$

$$\text{Charlie Creek near Zolfo Springs DA} = 287 \text{ mi}^2.$$

From supplementary data section:

$$\text{Charlie Creek near Zolfo Springs } Q_{7,10} = 0.3 \text{ ft}^3/\text{s}$$

$$\frac{142 \text{ mi}^2}{287 \text{ mi}^2} \times 0.3 \text{ ft}^3/\text{s} = 0.1 \text{ ft}^3/\text{s}.$$

Using a drainage area ratio with Charlie Creek near Gardner, the computations are as follows:

From table 1:

$$\text{Charlie Creek near Gardner DA} = 330 \text{ mi}^2.$$

From supplementary data section:

$$\text{Charlie Creek near Gardner } Q_{7,10} = 0.6 \text{ ft}^3/\text{s}$$

$$\frac{142 \text{ mi}^2}{330 \text{ mi}^2} \times 0.6 \text{ ft}^3/\text{s} = 0.3 \text{ ft}^3/\text{s}.$$

The computed estimates of 0.1 and 0.3 ft³/s produce a probable range of the 7-day, 10-year low flow. When discharge measurements at Charlie Creek near Crewsville were correlated with daily mean discharges at Charlie Creek near Gardner, the 7-day, 10-year low flow was estimated to be 0 ft³/s.

Each situation should be reviewed carefully before estimating low-flow characteristics. For example, sites that have inflow from springs may have discharges that are significantly different from discharges that occur at nearby sites. Sites significantly affected by regulation or diversion should not be used as a basis for estimating low flow in unregulated streams.

Comparison of Low-Flow Indexes

The 7-day, 10-year and 30-day, 10-year low flows are common indexes used for design and regulatory purposes. Water managers and design engineers also use other indexes that describe low flow. For example, flow-duration data that define the percentage of time given discharges have been equaled or exceeded are often used. Within the Southwest Florida Water Management District, the following rule is used to establish regulatory minimum discharges (Florida Department of State, 1974):

"Minimum rates of flow shall be established as follows: For each month, the five (5) lowest monthly mean discharges for the preceding twenty (20) years shall be averaged. Minimum rates of flow shall be established as seventy percent (70%) of these values for the four (4) wettest months and ninety percent (90%) of these values for the remaining eight (8) months. The determination shall be based on available data, or in the absence of such data, it shall be established by reasonable calculations approved by the Board."

Table 5 presents a comparison of the 7-day, 10-year and 30-day, 10-year low flows at continuous-record stations with the 90 and 95 percent duration discharges and with discharges computed using the above rule. The regulatory minimums listed in table 5 are actually the smallest of the 12 monthly minimums. The month of occurrence and the period of record on which the regulatory minimum is based are also shown. In most cases, the regulatory minimum is equal to or greater than the 7-day, 10-year low flow.

EVALUATION OF WATER-SUPPLY POTENTIAL USING LOW-FLOW DATA

Techniques for developing draft-storage frequency curves that can be used to evaluate water-supply potential were developed by Riggs and Hardison (1973). Table 6 shows an example computation for the Peace River at Arcadia (station 02296750, site 52, figs. 5 and 6) for the 10-year recurrence interval. Ten-year annual minimum discharges are from the log-Pearson type III frequency distribution of station record. The maximum value in each "Difference" column represents the storage required to maintain the given draft rate with a chance of being inadequate once in 10 years, on the average. The procedure assumes that storage volume will be replaced each year and that draft rates are constant.

Maximum storage requirements, plotted against draft rates from table 6, are shown in figure 7. Also shown are results of similar computations for the 2-, 5-, and 20-year frequencies. Draft-storage frequency curves for the Myakka River near Sarasota (station 02298830, site 58, figs. 5 and 6) are shown in figure 8. Storage requirements are much larger for the Myakka River than for the Peace River because of the effect of long periods of zero flow that occur on the Myakka River.

Table 5.--Low flow, flow duration, and regulatory minimum discharges for continuous-record stations

| Site ^{1/} | Station number and name | 10-year low flow | | Flow duration | | Regulatory minimum | | |
|--------------------|--|------------------|--------|---------------|------------|--------------------|-------|--------------------|
| | | 7-day | 30-day | 90 percent | 95 percent | ft ³ /s | Month | Base period |
| 1 | 02236500 Big Creek near Clermont | 0 | 0 | 0.2 | 0 | 0 | May | 1962-81 |
| 2 | 02236900 Palatlahaka River at Cherry Lake outlet near Groveland | 0 | 0 | 0 | 0 | 0 | (2) | 1962-81 |
| 3 | 02237000 Palatlahaka River near Mascotte | 1.9 | 2.9 | 9.8 | 4.6 | 4.9 | June | 1946-55 |
| 4 | 02237700 Apopka-Beauclair Canal near Astatula | 0 | 0 | 1.1 | .6 | 1.4 | Dec. | 1962-81 |
| 5 | 02238000 Haines Creek at Lisbon (before Burrell Dam) | 100 | 110 | 150 | 130 | 121 | June | 1943-55 |
| 6 | 02238000 Haines Creek at Lisbon | 1.9 | 4.0 | 26 | 4.6 | 15 | Jan. | 1959-78 |
| 7 | 02238500 Oklawaha River at Moss Bluff | .9 | 3.5 | 19 | 11 | 13 | Oct. | 1950-55 1968-81 |
| 8 | 02239000 Oklawaha River near Ocala | 24 | 31 | 75 | 38 | 34 | Dec. | 1948-67 |
| 9 | 02239500 Silver Springs near Ocala | 600 | 600 | 647 | 618 | 464 | Oct. | 1962-81 |
| 10 | 02240000 Oklawaha River near Conner | 640 | 650 | 743 | 707 | 554 | Apr. | 1931-46 1978-81 |
| 11 | 02240500 Oklawaha River at Eureka | 740 | 760 | 876 | 757 | 738 | May | 1931-34 1944-52 |

Footnotes are at end of table.

Table 5.--Low flow, flow duration, and regulatory minimum discharges for continuous-record stations--Continued

| Site ^{1/} | Station number and name | 10-year low flow | | Flow duration | | Regulatory minimum | | |
|--------------------|---|------------------|--------|---------------|------------|--------------------|-------|--------------------|
| | | 7-day | 30-day | 90 percent | 95 percent | ft ³ /s | Month | Base period |
| 12 | 02240954 Hogtown Creek near Arredondo | 1.6 | 2.1 | 3.9 | 2.9 | 5.0 | Nov. | 1973-81 |
| 13 | 02242451 Orange Lake outlet near Citra | .2 | .3 | 3.0 | .4 | 13 | Aug. | 1947-55 |
| 14 | 02242500 Lochloosa Slough near Lochloosa | 0 | 0 | 0 | 0 | 0 | (2) | 1947-55 |
| 15 | 02243000 Orange Creek at Orange Springs | 3.0 | 3.7 | 9.2 | 6.1 | 5.9 | May | 1959-71 1975-81 |
| 16 | 02243500 Oklawaha River near Orange Springs | 770 | 790 | 947 | 840 | 789 | May | 1933-52 |
| 17 | 02243960 Oklawaha River at Rodman Dam near Orange Springs | 280 | 420 | 654 | 507 | 642 | Apr. | 1969-81 |
| 18 | 02244000 Oklawaha River at Riverside Landing near Orange Springs | 790 | 820 | 959 | 862 | 712 | Feb. | 1949-68 |
| 19 | 02256000 Fisheating Creek near Venus | 0 | 0 | .1 | 0 | .2 | May | 1956-65 |
| 20 | 02256500 Fisheating Creek at Palmdale | 0 | 0 | 0 | 0 | 0 | Apr. | 1962-81 |
| 21 | 02262900 Boggy Creek near Taft | .2 | .9 | 3.6 | 2.1 | 1.4 | May | 1962-81 |
| 22 | 02263500 St. Cloud Canal at S-59 near St. Cloud | 0 | 0 | .1 | 0 | 1.8 | June | 1949-68 |

Footnotes are at end of table.

Table 5.--Low flow, flow duration, and regulatory minimum discharges for continuous-record stations--Continued

| Site ^{1/} | Station number and name | 10-year low flow | | Flow duration | | Regulatory minimum | | |
|--------------------|--|------------------|--------|---------------|------------|--------------------|-------|-------------|
| | | 7-day | 30-day | 90 percent | 95 percent | ft ³ /s | Month | Base period |
| 23 | 02263800 Shingle Creek at airport near Kissimmee | 0 | 0 | 5.4 | 2.1 | 0.5 | May | 1962-81 |
| 24 | 02263869 South Lake outlet above S-15 near Vineland | 0 | 0 | .1 | .1 | 0 | (2) | 1973-81 |
| 25 | 02264000 Cypress Creek at Vineland | 0 | 0 | 0 | 0 | 0 | (2) | 1962-81 |
| 26 | 02264100 Bonnet Creek near Vineland | 0 | 2.1 | 5.2 | 3.9 | 4.9 | May | 1972-81 |
| 27 | 02264495 Shingle Creek at Campbell | 6.2 | 10 | 23 | 14 | 18 | May | 1969-81 |
| 28 | 02265000 South Port Canal at S-61 near St. Cloud | 0 | .2 | 1.3 | .4 | .7 | Dec. | 1949-68 |
| 29 | 02266000 Canoe Creek near St. Cloud | .1 | .1 | 2.5 | .6 | 4.0 | May | 1951-58 |
| 30 | 02266200 Whittenhorse Creek near Vineland | 0 | 0 | 0 | 0 | 0 | (2) | 1967-81 |
| 31 | 02266300 Reedy Creek near Vineland | .2 | .6 | 4.6 | 2.4 | 2.8 | Apr. | 1967-81 |
| 32 | 02266480 Davenport Creek near Loughman | .5 | .6 | 1.3 | .9 | 1.0 | Apr. | 1970-81 |

Footnotes are at end of table.

Table 5.--Low flow, flow duration, and regulatory minimum discharges for continuous-record stations--Continued

| Site ^{1/} | Station number and name | 10-year low flow | | Flow duration | | Regulatory minimum | | |
|--------------------|---|------------------|--------|---------------|------------|--------------------|-------|--------------------|
| | | 7-day | 30-day | 90 percent | 95 percent | ft ³ /s | Month | Base period |
| 33 | 02266500 Reedy Creek near Loughman (before structure 40) | 3.4 | 5.1 | 12 | 7.9 | 7.3 | May | 1940-59 |
| 34 | 02266500 Reedy Creek near Loughman | 0 | 0 | 0 | 0 | .7 | May | 1971-81 |
| 35 | 02267000 Catfish Creek near Lake Wales | 3.7 | 5.0 | 17 | 13 | 4.1 | May | 1962-81 |
| 36 | 02269500 Reedy Creek near Frostproof | .8 | .9 | 12 | 6.3 | 2.2 | May | 1952-71 |
| 37 | 02270000 Carter Creek near Sebring | 4.3 | 5.8 | 9.8 | 7.9 | 8.7 | May | 1955-66 |
| 38 | 02270500 Arbuckle Creek near De Soto City | 6.2 | 11 | 49 | 33 | 11 | May | 1962-81 |
| 39 | 02271000 Stearns Creek near Lake Placid | 0 | 0 | .1 | 0 | .1 | Apr. | 1956-68 |
| 40 | 02271500 Josephine Creek near De Soto City | 2.1 | 2.8 | 8.1 | 5.1 | 2.8 | May | 1959-75 1979-81 |
| 41 | 02293000 Orange River near Fort Myers | 0 | 0 | 0 | 0 | .1 | Dec. | 1937-46 |
| 42 | 02293694 Peace Creek drainage canal near Dundee | 0 | .1 | .5 | .1 | 1.6 | June | 1947-59 |
| 43 | 02293986 Peace Creek drainage canal near Alturas | 2.9 | 4.8 | 9.5 | 6.9 | 7.1 | May | 1953-71 |

Footnotes are at end of table.

Table 5.--Low flow, flow duration, and regulatory minimum discharges for continuous-record stations--Continued

| Site ^{1/} | Station number and name | 10-year low flow | | Flow duration | | Regulatory minimum | | |
|--------------------|--|------------------|--------|---------------|------------|--------------------|-------|--------------------|
| | | 7-day | 30-day | 90 percent | 95 percent | ft ³ /s | Month | Base period |
| 44 | 02294068 Lake Lulu outlet at Eloise | 0.1 | 0.4 | 1.0 | 0.6 | 0.7 | July | 1952-71 |
| 45 | 02294491 Saddle Creek at structure P-11 near Bartow | 0 | 0 | 0 | 0 | 0 | (2) | 1965-81 |
| 46 | 02294650 Peace River at Bartow | 7.5 | 11 | 27 | 20 | 13 | Apr. | 1962-81 |
| 47 | 02294898 Peace River at Fort Meade | 20 | 27 | 15 | 9.5 | 16 | Apr. | 1975-81 |
| 48 | 02295420 Payne Creek near Bowling Green | 1.6 | 2.1 | 7.4 | 4.3 | 10 | May | 1964-68 1980-81 |
| 49 | 02295637 Peace River at Zolfo Springs | 54 | 70 | 120 | 95 | 73 | May | 1962-81 |
| 50 | 02296223 Little Charley Bowlegs Creek near Sebring | 0 | 0 | .2 | 0 | 0 | May | 1962-81 |
| 51 | 02296500 Charlie Creek near Gardner | .6 | 1.1 | 5.7 | 3.2 | 1.4 | May | 1962-81 |
| 52 | 02296750 Peace River at Arcadia | 55 | 70 | 130 | 99 | 79 | Apr. | 1962-81 |
| 53 | 02297100 Joshua Creek at Nocatee | .2 | .8 | 2.7 | 1.4 | 1.6 | May | 1962-81 |
| 54 | 02297310 Horse Creek near Arcadia | .1 | .3 | 2.6 | .9 | .4 | May | 1962-81 |

Footnotes are at end of table.

Table 5.--Low flow, flow duration, and regulatory minimum discharges for continuous-record stations--Continued

| Site ^{1/} | Station number and name | 10-year low flow | | Flow duration | | Regulatory minimum | | |
|--------------------|---|------------------|--------|---------------|------------|--------------------|-------|--------------------|
| | | 7-day | 30-day | 90 percent | 95 percent | ft ³ /s | Month | Base period |
| 55 | 02298123 Prairie Creek near Fort Ogden | 0.2 | 1.0 | 3.8 | 2.5 | 3.0 | May | 1964-68 1978-81 |
| 56 | 02298202 Shell Creek near Punta Gorda | 0 | 0 | 12 | .1 | 2.1 | Apr. | 1966-81 |
| 57 | 02298608 Myakka River at Myakka City | 0 | 0 | 2.4 | .6 | 2.0 | May | 1964-66 1978-81 |
| 58 | 02298830 Myakka River near Sarasota | 0 | 0 | .1 | 0 | 0 | May | 1962-81 |
| 59 | 02299470 Big Slough near Murdock | 0 | .1 | 1.3 | .6 | 1.3 | May | 1964-72 |
| 60 | 02299750 Phillippe Creek near Sarasota | .5 | .8 | 2.5 | 1.8 | 2.2 | May | 1964-68 1980-81 |
| 61 | 02299950 Manatee River near Myakka Head | .4 | .6 | 2.8 | 1.4 | 1.3 | Apr. | 1967-81 |
| 62 | 02300000 Manatee River near Bradenton | 2.1 | 2.8 | 6.1 | 4.5 | 4.1 | May | 1946-65 |
| 63 | 02300100 Little Manatee River near Fort Lonesome | 0 | 0 | .6 | 0 | .1 | May | 1964-81 |
| 64 | 02300500 Little Manatee River near Wimauma | 3.2 | 5.8 | 14 | 9.8 | 8.4 | May | 1962-81 |
| 65 | 02301000 North Prong Alafia River at Keysville | 13 | 21 | 46 | 36 | 35 | May | 1962-81 |
| 66 | 02301300 South Prong Alafia River near Lithia | 3.0 | 5.8 | 22 | 15 | 11 | (2) | 1964-81 |

Footnotes are at end of table.

Table 5.--Low flow, flow duration, and regulatory minimum discharges for continuous-record stations--Continued

| Site ^{1/} | Station number and name | 10-year low flow | | Flow duration | | Regulatory minimum | |
|--------------------|--|---------------------|--------|------------------|---------------|--------------------|-------------------------|
| | | 7-day | 30-day | 90 percent | 95 percent | ft ³ /s | Month Base period |
| 67 | 02301350 Little Alafia River near Hopewell | 0 | 0 | 0 | 0 | 0 | (2) 1967-79 |
| 68 | 02301500 Alafia River at Lithia | 15 | 23 | 59 | 38 | 59 | May 1962-81 |
| 69 | 02301800 Sixmile Creek at Tampa | 9.0 | 14 | 24 | 19 | 19 | May 1957-69 |
| 70 | 02301900 Fox Branch near Socrum | 0 | 0 | .5 | .2 | .1 | May 1965-81 |
| 71 | 02302500 Blackwater Creek near Knights | .9 | 1.8 | 7.7 | 5.0 | 4.0 | May 1962-81 |
| 72 | 02303000 Hillsborough River near Zephyrhills | 53 | 56 | 72 | 64 | 53 | May 1962-81 |
| 73 | 02303100 New River near Zephyrhills | 0 | 0 | 0 | 0 | 0 | May 1965-74 |
| 74 | 02303300 Flint Creek near Thonotosassa | 0 | 1.1 | 2.9 | 1.5 | 2.5 | May 1957-58 1971-81 |
| 75 | 02303330 Hillsborough River at Morris Bridge near Thonotosassa | 54 | 58 | 64 | 56 | 57 | May 1973-81 |
| 76 | 02303350 Trout Creek near Sulphur Springs | 0 | 0 | 0 | 0 | 0 | Nov. 1975-81 |
| 77 | 02303400 Cypress Creek near San Antonio | 0 | 0 | 0 | 0 | 0 | May 1964-81 |
| 78 | 02303420 Cypress Creek at Worthington Gardens | 0 | 0 | 0 | 0 | .3 | June 1975-81 |

Footnotes are at end of table.

Table 5.--Low flow, flow duration, and regulatory minimum discharges for continuous-record stations--Continued

| Site ^{1/} | Station number and name | 10-year low flow | | Flow duration | | Regulatory minimum | | |
|--------------------|---|---------------------|--------|------------------|---------------|--------------------|-------|----------------|
| | | 7-day | 30-day | 90 percent | 95 percent | ft ³ /s | Month | Base period |
| 79 | 02303800 Cypress Creek near Sulphur Springs | 0 | 0 | 0 | 0 | 0 | May | 1965-81 |
| 80 | 02304500 Hillsborough River near Tampa | .2 | .2 | 1.7 | .1 | .1 | May | 1962-81 |
| 81 | 02305500 Drainage ditch at Bearss Avenue near Sulphur Springs | | | | | | | |
| 82 | 02306000 Sulphur Springs at Sulphur Springs | 2.0 | 4.1 | 11 | 7.4 | 4.8 | May | 1962-81 |
| 83 | 02306289 Lake Magdalene outlet near Lutz | 0 | 0 | 0 | 0 | 0 | (2) | 1971-81 |
| 84 | 02306500 Sweetwater Creek near Sulphur Springs | 0 | 0 | .1 | 0 | 0 | May | 1962-81 |
| 85 | 02307000 Rocky Creek near Sulphur Springs | .4 | .4 | 2.1 | 1.3 | 1.2 | May | 1962-81 |
| 86 | 02307243 Brooker Creek near Odessa | 0 | 0 | .1 | 0 | 0 | June | 1947-55 |
| 87 | 02307323 Brooker Creek near Lake Fern | 0 | 0 | 0 | 0 | 0 | (2) | 1971-81 |
| 88 | 02307359 Brooker Creek near Tarpon Springs | 0 | 0 | 0 | 0 | 0 | (2) | 1962-81 |
| 89 | 02307498 Lake Tarpon Canal at S-551 near Oldsmar | 0 | 0 | 0 | 0 | .2 | June | 1975-81 |

Footnotes are at end of table.

Table 5.--Low flow, flow duration, and regulatory minimum discharges for continuous-record stations--Continued

| Site ^{1/} | Station number and name | 10-year low flow | | Flow duration | | Regulatory minimum | | |
|--------------------|--|------------------|--------|---------------|------------|--------------------|-------|--------------------|
| | | 7-day | 30-day | 90 percent | 95 percent | ft ³ /s | Month | Base period |
| 90 | 02307697 Alligator Creek at Safety Harbor | 0 | 0 | 0 | 0 | 0 | May | 1953-58 1961-74 |
| 91 | 02308889 Seminole Lake outlet near Largo | 0 | 0 | 0 | 0 | 0 | (2) | 1952-71 |
| 92 | 02309848 South Branch Anclote River near Odessa | 0 | 0 | 0 | 0 | 0 | (2) | 1971-81 |
| 93 | 02310000 Anclote River near Elfers | 1.5 | 2.2 | 3.2 | 2.7 | 2.0 | May | 1962-81 |
| 94 | 02310240 Jumping Gully at Loyce | 0 | 0 | 0 | 0 | 0 | (2) | 1965-81 |
| 95 | 02310300 Pithlachascotee River near New Port Richey | .4 | .6 | 1.1 | .8 | .8 | May | 1964-81 |
| 96 | 02310352 Bear Creek at Plaza Drive near Hudson | 0 | 0 | .3 | .1 | .9 | May | 1971-77 |
| 97 | 02310750 Crystal River near Crystal River | 0 | 270 | 221 | 39 | 432 | July | 1965-77 |
| 98 | 02310800 Withlacoochee River near Eva | 0 | 0 | .2 | 0 | 0 | Apr. | 1962-81 |
| 99 | 02310947 Withlacoochee River near Cumpressco | 0 | 0 | 0 | 0 | .1 | May | 1968-81 |

Footnotes are at end of table.

Table 5.--Low flow, flow duration, and regulatory minimum discharges for continuous-record stations--Continued

| Site ^{1/} | Station number and name | 10-year low flow | | Flow duration | | Regulatory minimum | | |
|--------------------|---|------------------|--------|---------------|------------|--------------------|-------|-------------|
| | | 7-day | 30-day | 90 percent | 95 percent | ft ³ /s | Month | Base period |
| 100 | 02312000 Withlacoochee River at Trilby | 12 | 14 | 33 | 23 | 23 | May | 1962-81 |
| 101 | 02312180 Little Withlacoochee River near Tarrytown | 0 | 0 | 0 | 0 | 0 | May | 1967-81 |
| 102 | 02312200 Little Withlacoochee River at Rerdell | 0 | 0 | 1.5 | .5 | .3 | June | 1962-81 |
| 103 | 02312500 Withlacoochee River at Croom | 25 | 28 | 66 | 48 | 35 | May | 1962-81 |
| 104 | 02312640 Jumper Creek Canal near Bushnell | 2.8 | 4.9 | 13 | 10 | 11 | May | 1964-81 |
| 105 | 02312700 Outlet River at Panacoochee Retreats | 30 | 34 | 87 | 70 | 63 | Aug. | 1963-81 |
| 106 | 02312720 Withlacoochee River at Wysong Dam at Carlson | 120 | 140 | 224 | 181 | 168 | May | 1966-80 |
| 107 | 02312975 Tsala Apopka Outfall Canal at S-353 near Hernando | 0 | 0 | .1 | 0 | .1 | (2) | 1969-81 |
| 108 | 02313000 Withlacoochee River near Holder | 160 | 190 | 330 | 240 | 202 | May | 1962-81 |
| 109 | 02313100 Rainbow Springs near Dunnellon | 540 | 540 | 588 | 568 | 439 | Jan. | 1966-81 |

Footnotes are at end of table.

Table 5.--Low flow, flow duration, and regulatory minimum discharges for continuous-record stations--Continued

| Site ^{1/} | Station number and name | 10-year low flow | | Flow duration | | Regulatory minimum | | |
|--------------------|--|------------------|--------|---------------|------------|--------------------|-------|-------------|
| | | 7-day | 30-day | 90 percent | 95 percent | ft ³ /s | Month | Base period |
| 110 | 02313230 Withlacoochee River at Inglis Dam near Dunnellon | 70 | 70 | 71 | 71 | 51 | Nov. | 1970-81 |
| 111 | 02313237 Cross-Florida Barge Canal at Inglis Lock near Inglis | 0 | 2.0 | .5 | .2 | 5.0 | May | 1971-81 |
| 112 | 02313250 Withlacoochee River Bypass Channel near Inglis | 250 | 400 | 717 | 627 | 645 | Sept. | 1971-81 |
| 113 | 02313500 Waccasassa River near Otter Creek | 12 | 15 | 20 | 17 | 15 | June | 1946-53 |
| 114 | 02313700 Waccasassa River near Gulf Hammock | 0 | 30 | 38 | 20 | 41 | June | 1964-78 |
| 115 | 02314000 Otter Creek at Otter Creek | 0 | 0 | .7 | .1 | .3 | June | 1946-53 |
| 116 | 02314200 Tenmile Creek at Lebanon Station | 0 | 0 | .1 | .1 | .1 | June | 1964-81 |

^{1/} From figures 5 and 6.

^{2/} Indicated minimum occurs in more than one month.

Table 6.--Example of storage computation for selected draft rates for the Peace River at Arcadia
(station 02296750)

| 10-year low flow | | | Storage required, in ft ³ /s-days, at draft rates indicated and difference from ft ³ /s-days in column 3 | | | | | | | | | |
|------------------|----------------------|-------------------------|--|------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|---------------|
| Consecutive days | 3 ft ³ /s | ft ³ /s-days | Draft rate 75 | Difference | Draft rate 100 | Difference | Draft rate 125 | Difference | Draft rate 150 | Difference | Draft rate 200 | Difference |
| 1 | 49 | 49 | 75 | 26 | 100 | 51 | 125 | 76 | 150 | 101 | 200 | 151 |
| 3 | 51 | 153 | 225 | 72 | 300 | 147 | 375 | 222 | 450 | 297 | 600 | 447 |
| 7 | 55 | 385 | 525 | 140 | 700 | 315 | 875 | 490 | 1,050 | 665 | 1,400 | 1,015 |
| 14 | 60 | 840 | 1,050 | <u>210</u> | 1,400 | 560 | 1,750 | 910 | 2,100 | 1,260 | 2,800 | 1,960 |
| 30 | 70 | 2,100 | 2,250 | 150 | 3,000 | 900 | 3,750 | 1,650 | 4,500 | 2,400 | 6,000 | 3,900 |
| 60 | 83 | 4,980 | | | 6,000 | <u>1,020</u> | 7,500 | <u>2,520</u> | 9,000 | 4,020 | 12,000 | 7,020 |
| 90 | 100 | 9,000 | | | | | 11,250 | 2,250 | 13,500 | 4,500 | 18,000 | 9,000 |
| 120 | 110 | 13,200 | | | | | 15,000 | 1,800 | 18,000 | <u>4,800</u> | 24,000 | 10,800 |
| 183 | 140 | 25,620 | | | | | | | 27,450 | 1,830 | 36,600 | <u>10,980</u> |

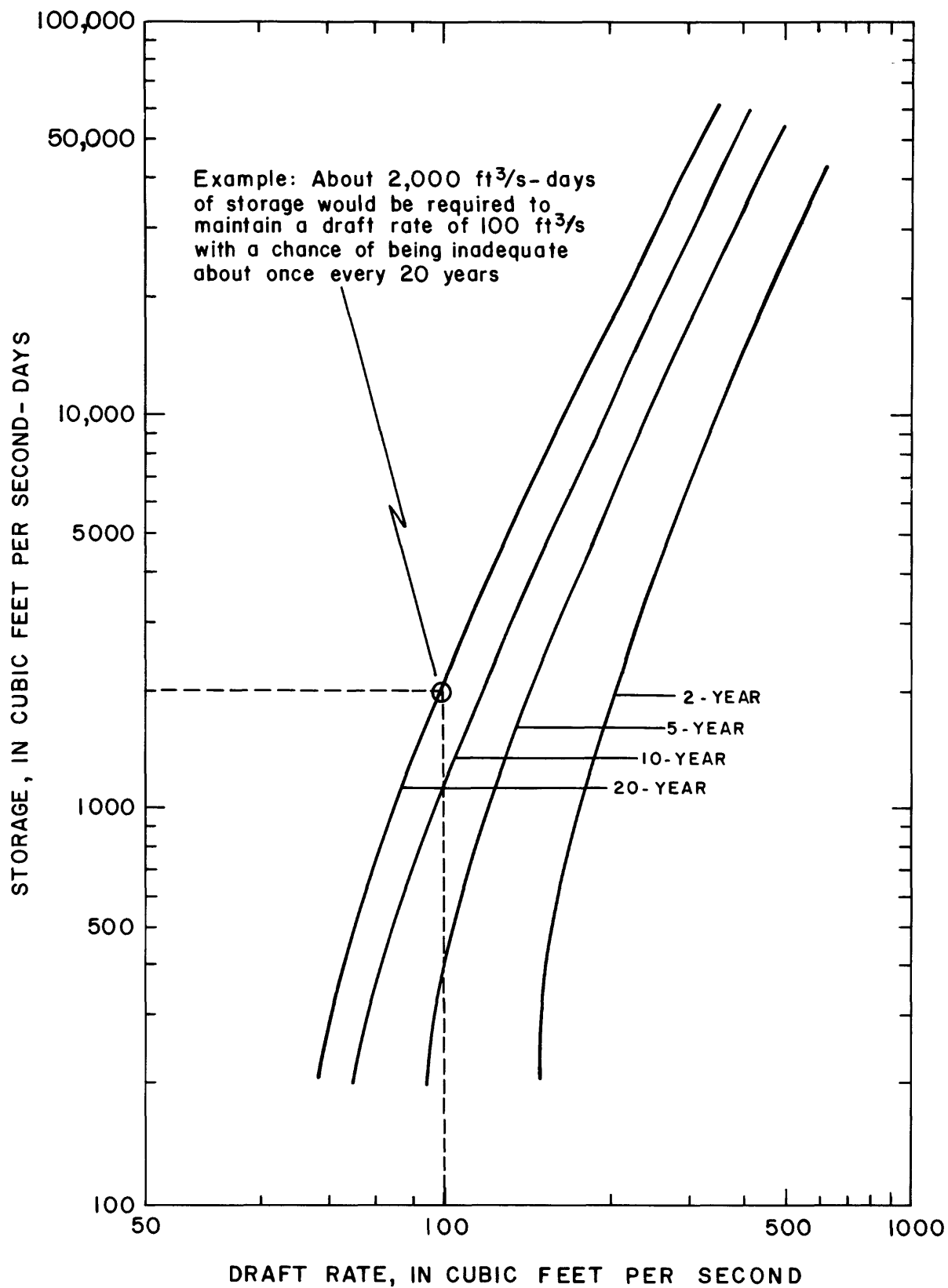


Figure 7.--Draft-storage frequency curves for the Peace River at Arcadia.

The procedure used to produce figures 7 and 8 does not address the problem of whether adequate storage could be constructed or how long it would take to initially fill a reservoir. Evaluating these problems, or the impact of withdrawals on downstream reaches, is beyond the scope of this study.

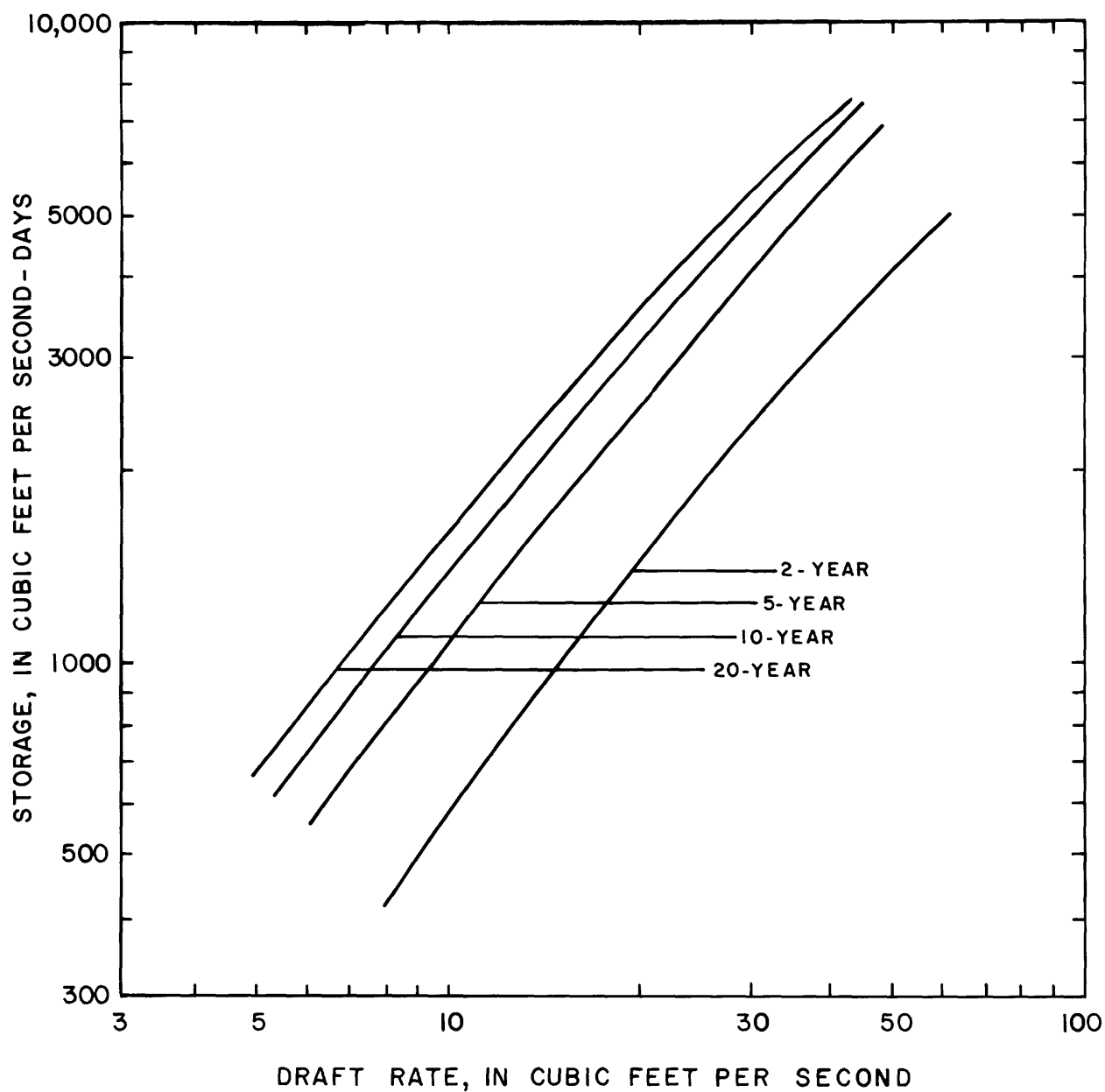


Figure 8.--Draft-storage frequency curves for the Myakka River near Sarasota.

SUMMARY

Low-flow frequency information is needed to assess water-supply potential and waste-load assimilation capacity at gaged and ungaged sites on streams in west-central Florida. A log-Pearson type III distribution was applied to define low-flow frequency at continuous-record stations. Measurements at low-flow partial-record and miscellaneous discharge-measurement stations were correlated with daily mean discharges at continuous-record stations to produce estimates of low-flow frequency for the partial-record and miscellaneous stations. Multiple linear-regression analysis was used in an attempt to develop equations that define the relation between low-flow and basin characteristics. Results of the regression analyses were unsatisfactory.

The user should review each situation carefully before applying the procedures presented in this report. In evaluating estimates of low-flow at continuous-record, low-flow partial-record, and miscellaneous discharge-measurement stations, the user should consider the length of record or number of measurements, as well as the period during which the measurements were made. Estimates should be checked for uniformity with nearby stations, taking into account factors such as spring inflow and regulation.

REFERENCES

- Bingham, R. H., 1979, Low flow characteristics of Alabama streams: Geological Survey of Alabama Bulletin 117, 39 p.
- Cooke, C. W., 1939, Scenery of Florida, interpreted by a geologist: Florida Geological Survey Bulletin 17, 118 p.
- 1945, Geology of Florida: Florida Geological Survey Bulletin 29, 339 p.
- Deuerling, R. J., Jr., and MacGill, P. L., 1981, Environmental geology series Tarpon Springs sheet: Florida Bureau of Geology Map Series 99.
- Farnsworth, R. K., and Thompson, E. S., 1982, Mean monthly, seasonal, and annual pan evaporation for the United States: U.S. Department of Commerce, National Oceanic and Atmospheric Administration Technical Report NWS 34, 82 p.
- Farnsworth, R. K., Thompson, E. S., and Peck, E. L., 1982, Evaporation atlas for the contiguous 48 United States: U.S. Department of Commerce, National Oceanic and Atmospheric Administration Technical Report NWS 33, 4 plates.
- Ferguson, G. E., Lingham, C. W., Love, S. K., and Vernon, R. O., 1947, Springs of Florida: Florida Geological Survey Bulletin 31, 196 p.
- Florida Board of Conservation, 1966, Florida land and water resources, southwest Florida: Florida Board of Conservation, 181 p.
- Florida Department of Natural Resources, 1974, Florida water and related land resources, Kissimmee-Everglades area: Florida Department of Natural Resources, 180 p.
- Florida Department of State, 1974, Rules of the Southwest Florida Water Management District: Chapter 16 J-0 in Florida Administrative Code, Tallahassee, Florida.

- Hardison, C. H., and Moss, M. E., 1972, Accuracy of low-flow characteristics estimated by correlation of base-flow measurements: U.S. Geological Survey Water-Supply Paper 1542-B, 55 p.
- Healy, H. G., 1975, Terrace and shorelines of Florida: Florida Bureau of Geology Map Series 71.
- Heath, R. C., and Wimberly, E. T., 1971, Selected flow characteristics of Florida streams and canals: Florida Bureau of Geology Information Circular 69, 595 p.
- Hirsch, R. M., 1982, A comparison of four streamflow record extension techniques: Water Resources Research, v. 18, no. 4, p. 1081-1088.
- Hughes, G. H., 1981, Low-flow frequency data for selected stream-gaging stations in Florida: U.S. Geological Survey Water-Resources Investigations Open-File Report 81-69, 110 p.
- Knapp, M. S., 1978, Environmental geology series Gainesville sheet: Florida Bureau of Geology Map Series 79.
- 1980, Environmental geology series Tampa sheet: Florida Bureau of Geology Map Series 97.
- Lane, Ed, Knapp, M. S., and Scott, Tom, 1980, Environmental Geology Series Fort Pierce sheet: Florida Bureau of Geology Map Series 80.
- Langbein, W. B., and Iseri, K. T., 1960, General introduction and hydrologic definitions: U.S. Geological Survey Water-Supply Paper 1541-A, 29 p.
- Matson, G. C., and Sanford, Samuel, 1913, Geology and ground waters of Florida: U.S. Geological Survey Water-Supply Paper 319, 445 p.
- Meeks, W. C., 1977, Daily values statistics (Program A969): U.S. Geological Survey WATSTORE User's Guide, v. 1, chap. IV-G, 37 p.
- Mills, L. R., and Laughlin, C. P., 1976, Potentiometric surface of the Floridan aquifer, May 1975, and change of potentiometric surface 1969 to 1975, Southwest Florida Water Management District and adjacent areas: U.S. Geological Survey Water-Resources Investigations 76-80, 1 sheet.
- Palmer, C. E., and Bone, L. P., 1977, Some aspects of rainfall deficits in west-central Florida, 1961-76: Southwest Florida Water Management District Hydrometeorological Report No. 1, 19 p.
- Puri, H. S., and Vernon, R. O., 1964, Summary of the geology of Florida and a guidebook to the classic exposures: Florida Geological Survey Special Publication No. 5, 312 p.
- Rabon, J. W., 1971, Evaluation of streamflow data program in Florida: U.S. Geological Survey open-file report FL-70008, 70 p. plus appendix (5 p.)
- Riggs, H. C., 1968, Frequency curves: U.S. Geological Survey Techniques of Water-Resources Investigations, Book 4, Chapter A2, 15 p.
- 1972, Low-flow investigations: U.S. Geological Survey Techniques of Water-Resources Investigations, Book 4, Chapter B1, 18 p.
- 1973, Regional analyses of streamflow characteristics: U.S. Geological Survey Techniques of Water-Resources Investigations, Book 4, Chapter B3, 115 p.

- Riggs, H. C., and Hardison, C. H., 1973, Storage analyses for water supply: U.S. Geological Survey Techniques of Water-Resources Investigations, Book 4, Chapter B2, 20 p.
- Rosenau, J. C., and Faulkner, G. L., 1974, An index to springs of Florida: Florida Bureau of Geology Map Series 63.
- Rosenau, J. C., Faulkner, G. L., Hendry, C. W., Jr., and Hull, R. W., 1977, Springs of Florida: Florida Bureau of Geology Bulletin 31 (revised), 461 p.
- Scott, T. M., 1978, Environmental geology series Orlando sheet: Florida Bureau of Geology Map Series 85.
- Searcy, J. K., 1959, Flow-duration curves: U.S. Geological Survey Water-Supply Paper 1542-A, 33 p.
- Seijo, M. A., Giovannelli, R. F., and Turner, J. F., Jr., 1979, Regional flood-frequency relations for west-central Florida: U.S. Geological Survey Water-Resources Investigations 79-1293, 41 p.
- Stone, R. B., 1974, Low streamflow in Florida--magnitude and frequency: Florida Bureau of Geology Map Series 64.
- Stringfield, V. T., 1966, Artesian water in Tertiary limestone in the southeastern states: U.S. Geological Survey Professional Paper 517, 226 p.
- U.S. Water Resources Council, 1981, Guidelines for determining flood-flow frequency: Washington, D.C., U.S. Government Printing Office, Bulletin 17B.
- White, W. A., 1958, Some geomorphic features of central peninsular Florida: Florida Geological Survey Bulletin 41, 92 p.
- 1970, The geomorphology of the Florida peninsula: Florida Bureau of Geology Bulletin 51, 164 p.

GLOSSARY

Some of the technical terms used in this report are defined here for convenience. See Langbein and Iseri (1960), Riggs (1968; 1972; 1973), and Searcy (1959) for additional information regarding low-flow frequency analyses and associated hydrologic terminology. Statistical terms are defined with respect to applications described in this report.

Annual minimum D-day mean discharge.--The lowest average discharge for D consecutive days for the water year. The term, D-day low flow, as used in this report, is synonymous.

Base flow.--Sustained or fair-weather flow. In most streams, base flow is composed largely of ground-water effluent.

Basin characteristics.--Parameters that describe the physical and climatic factors of a drainage basin. Parameters used in this study include base-flow recession index, drainage area, basin slope, basin length, swamp area, lake area, soils index, duration index, and rainfall index.

Climatic year.--A continuous 12-month period during which a complete annual hydrologic cycle occurs, arbitrarily selected for the presentation of data relative to hydrologic or meteorologic phenomena.

Continuous-record gaging station.--A site on a stream where systematic observations of gage height and discharge are obtained.

Correlation.--A process by which the degree of association between two or more variables is defined.

Correlation coefficient.--A measure of the degree of association between two or more variables. The correlation coefficient can range from plus one (perfect correlation) or minus one (perfect inverse correlation) to zero (no correlation).

D-day, T-year event.--The specified recurrence interval, in years, of the mean discharge for D consecutive days.

Draft-storage frequency relation.--A graph showing the minimum volume of storage required to maintain selected draft rates for selected recurrence intervals of low-flow.

Flow-duration curve.--A cumulative frequency curve that shows the percentage of time specified discharges were equaled or exceeded during a given period of record.

Frequency distribution.--A graph showing the relative frequency with which D-day low flows of various magnitude occur.

Mean.--The arithmetic average of the sample.

Miscellaneous-measurement site.--A site where discharge measurements are made for special projects and during droughts and floods to provide better areal coverage.

Multiple linear-regression analysis.--A mathematical procedure that produces linear equations for estimating D-day, T-year low flows from basin characteristics.

Nonexceedance probability.--The probability that a specified minimum discharge will not be exceeded in any given year. Recurrence interval is computed as the inverse of nonexceedance probability.

Partial-record gaging station.--A site where periodic streamflow data are collected over a period of years for use in hydrologic analyses.

Recession segment.--The falling segment of a streamflow hydrograph. The lower portion of the recession segment is referred to as a base-flow recession curve and shows the decreasing rate of ground-water inflow.

Recurrence interval.--The average interval of time between occurrences of a low flow less than or equal to a specified D-day low flow.

Residual.-- The difference between an estimate of low flow based on the station frequency distribution and an estimate computed from the regression equation.

Skew coefficient.--A measure of the asymmetry of a low-flow frequency distribution.

Standard deviation.--A measure of the variation in a sample, computed by taking the square root of the average of the squared deviations from the mean.

Standard error of estimate.--A measure of the accuracy of the regression equation. In this report, standard error is given as a percent representing the range on either side of the regression equation that includes about two-thirds of the points used in the analysis. More technically, the standard deviation of the residuals about the regression equation.

Water year.--The 12-month period beginning October 1 and ending September 30, designated by the calendar year in which it ends.

SUPPLEMENTARY DATA

Frequency Distributions for Continuous-Record Stations

Site 1

02236500 Big Creek near Clermont

October 1958 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0.1 | 0 | 0 | 0 |
| 30 | 0.2 | 0 | 0 | 0 |
| 60 | 0.4 | 0.1 | 0 | 0 |
| 90 | 0.9 | 0.2 | 0.1 | 0 |
| 120 | 1.8 | 0.4 | 0.2 | 0 |
| 183 | 4.9 | 0.9 | 0.3 | 0.2 |

Site 2

02236900 Palatlakaha River at Cherry Lake outlet near Groveland

October 1957 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|---|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 |
| 183 | 1.4 | 0 | 0 | 0 |

Site 3
02237000 Palatlakaha River near Mascotte
October 1945 to September 1955

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 13 | 3.9 | 1.8 | 0.8 |
| 3 | 13 | 4.0 | 1.8 | 0.9 |
| 7 | 13 | 4.2 | 1.9 | 1.0 |
| 14 | 14 | 4.6 | 2.2 | 1.1 |
| 30 | 15 | 5.5 | 2.9 | 1.6 |
| 60 | 19 | 7.0 | 3.7 | 2.1 |
| 90 | 24 | 8.7 | 4.5 | 2.4 |
| 120 | 29 | 11 | 5.7 | 3.0 |
| 183 | 43 | 17 | 9.2 | 5.0 |

Site 4
02237700 Apopka-Beauclair Canal near Astatula
October 1958 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 4.3 | 0 | 0 | 0 |
| 3 | 6.4 | 0 | 0 | 0 |
| 7 | 6.4 | 0 | 0 | 0 |
| 14 | 7.5 | 0 | 0 | 0 |
| 30 | 11 | 0.1 | 0 | 0 |
| 60 | 12 | 0.5 | 0 | 0 |
| 90 | 15 | 1.1 | 0 | 0 |
| 120 | 23 | 2.6 | 0.1 | 0 |
| 183 | 38 | 8.3 | 2.5 | 0.7 |

Site 5
02238000 Haines Creek at Lisbon (before Burrell Dam)
October 1942 to September 1955

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 170 | 120 | 98 | 83 |
| 3 | 170 | 120 | 99 | 83 |
| 7 | 170 | 120 | 100 | 85 |
| 14 | 170 | 120 | 100 | 86 |
| 30 | 180 | 130 | 110 | 91 |
| 60 | 190 | 140 | 120 | 100 |
| 90 | 200 | 140 | 120 | 110 |
| 120 | 200 | 150 | 130 | 110 |
| 183 | 230 | 170 | 140 | 120 |

Site 6
02238000 Haines Creek at Lisbon
October 1957 to September 1978

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 17 | 4.5 | 1.9 | 0.6 |
| 3 | 17 | 4.5 | 1.9 | 0.6 |
| 7 | 21 | 4.6 | 1.9 | 0.7 |
| 14 | 21 | 5.4 | 2.4 | 1.2 |
| 30 | 23 | 7.4 | 4.0 | 2.4 |
| 60 | 30 | 11 | 6.2 | 3.9 |
| 90 | 39 | 14 | 7.7 | 4.7 |
| 120 | 48 | 18 | 11 | 7.1 |
| 183 | 94 | 35 | 20 | 12 |

Site 7
02238500 Oklawaha River at Moss Bluff
October 1943 to September 1955 and October 1967 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 41 | 5.5 | 0.7 | 0 |
| 3 | 44 | 6.1 | 0.8 | 0 |
| 7 | 52 | 7.2 | 0.9 | 0 |
| 14 | 54 | 8.5 | 2.1 | 0.2 |
| 30 | 66 | 12 | 3.5 | 0.5 |
| 60 | 68 | 20 | 9.8 | 5.4 |
| 90 | 78 | 26 | 14 | 8.2 |
| 120 | 99 | 35 | 19 | 12 |
| 183 | 160 | 59 | 32 | 19 |

Site 8
02239000 Oklawaha River near Ocala
October 1930 to September 1967

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 100 | 37 | 20 | 12 |
| 3 | 100 | 39 | 22 | 13 |
| 7 | 120 | 44 | 24 | 14 |
| 14 | 120 | 47 | 26 | 16 |
| 30 | 130 | 54 | 31 | 18 |
| 60 | 160 | 64 | 36 | 22 |
| 90 | 180 | 78 | 46 | 28 |
| 120 | 220 | 100 | 60 | 38 |
| 183 | 290 | 140 | 82 | 50 |

Site 9
02239500 Silver Springs near Ocala
October 1932 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 700 | 630 | 600 | 570 |
| 3 | 700 | 630 | 600 | 570 |
| 7 | 710 | 630 | 600 | 570 |
| 14 | 710 | 640 | 600 | 570 |
| 30 | 710 | 640 | 600 | 570 |
| 60 | 720 | 640 | 610 | 580 |
| 90 | 720 | 650 | 610 | 580 |
| 120 | 730 | 650 | 620 | 590 |
| 183 | 740 | 670 | 630 | 600 |

Site 10
02240000 Oklawaha River near Conner
October 1930 to September 1946 and October 1977 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 800 | 680 | 640 | 600 |
| 3 | 800 | 690 | 640 | 610 |
| 7 | 810 | 690 | 640 | 610 |
| 14 | 820 | 700 | 650 | 610 |
| 30 | 830 | 700 | 650 | 620 |
| 60 | 850 | 710 | 660 | 620 |
| 90 | 880 | 730 | 670 | 630 |
| 120 | 900 | 750 | 690 | 650 |
| 183 | 980 | 810 | 740 | 690 |

Site 11
02240500 Oklawaha River at Eureka
October 1930 to September 1934 and October 1943 to September 1952

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 980 | 810 | 720 | 650 |
| 3 | 990 | 820 | 730 | 660 |
| 7 | 1,000 | 830 | 740 | 670 |
| 14 | 1,000 | 840 | 750 | 680 |
| 30 | 1,000 | 850 | 760 | 680 |
| 60 | 1,100 | 870 | 780 | 700 |
| 90 | 1,100 | 890 | 790 | 710 |
| 120 | 1,100 | 920 | 820 | 740 |
| 183 | 1,200 | 960 | 840 | 750 |

Site 12
02240954 Hogtown Creek near Arredondo
October 1972 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 2.6 | 1.8 | 1.5 | 1.3 |
| 3 | 2.7 | 1.8 | 1.5 | 1.3 |
| 7 | 3.1 | 2.0 | 1.6 | 1.3 |
| 14 | 3.5 | 2.2 | 1.7 | 1.4 |
| 30 | 4.2 | 2.6 | 2.1 | 1.7 |
| 60 | 5.2 | 3.3 | 2.6 | 2.2 |
| 90 | 7.3 | 4.8 | 3.9 | 2.3 |
| 120 | 9.4 | 6.2 | 4.9 | 4.1 |
| 183 | 13 | 8.1 | 6.5 | 5.4 |

Site 13
02242451 Orange Lake outlet near Citra
October 1946 to September 1955

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 11 | 1.8 | 0.1 | 0 |
| 3 | 11 | 2.0 | 0.1 | 0 |
| 7 | 12 | 2.3 | 0.2 | 0 |
| 14 | 12 | 2.6 | 0.2 | 0 |
| 30 | 14 | 3.1 | 0.3 | 0 |
| 60 | 17 | 5.0 | 1.0 | 0 |
| 90 | 20 | 6.4 | 1.3 | 0 |
| 120 | 24 | 7.6 | 1.8 | 0 |
| 183 | 48 | 7.6 | 1.8 | 0.2 |

Site 14
02242500 Lochloosa Slough near Lochloosa
October 1946 to September 1955

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|---|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0.1 | 0 | 0 | 0 |
| 120 | 0.2 | 0 | 0 | 0 |
| 183 | 1.3 | 0 | 0 | 0 |

Site 15
02243000 Orange Creek at Orange Springs
October 1942 to September 1952, October 1955 to September 1971,
and October 1975 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 12 | 4.4 | 2.7 | 1.9 |
| 3 | 12 | 4.6 | 2.8 | 1.9 |
| 7 | 13 | 4.9 | 3.0 | 2.0 |
| 14 | 15 | 5.3 | 3.2 | 2.1 |
| 30 | 17 | 6.2 | 3.7 | 2.5 |
| 60 | 22 | 8.2 | 5.0 | 3.4 |
| 90 | 26 | 10 | 6.2 | 4.2 |
| 120 | 35 | 14 | 8.2 | 5.4 |
| 183 | 59 | 21 | 12 | 7.6 |

Site 16
02243500 Oklawaha River near Orange Springs
October 1930 to September 1952

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-------|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 1,000 | 840 | 760 | 700 |
| 3 | 1,000 | 850 | 760 | 700 |
| 7 | 1,000 | 850 | 770 | 710 |
| 14 | 1,100 | 860 | 780 | 710 |
| 30 | 1,100 | 880 | 790 | 720 |
| 60 | 1,100 | 910 | 820 | 740 |
| 90 | 1,200 | 940 | 840 | 770 |
| 120 | 1,200 | 990 | 880 | 800 |
| 183 | 1,300 | 1,100 | 940 | 850 |

Site 17
02243960 Oklawaha River at Rodman Dam near Orange Springs
October 1968 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 420 | 310 | 250 | 210 |
| 3 | 470 | 320 | 260 | 210 |
| 7 | 540 | 350 | 280 | 230 |
| 14 | 650 | 400 | 300 | 240 |
| 30 | 730 | 500 | 420 | 360 |
| 60 | 840 | 600 | 510 | 450 |
| 90 | 920 | 650 | 540 | 460 |
| 120 | 990 | 700 | 580 | 500 |
| 183 | 1,100 | 800 | 660 | 570 |

Site 18
02244000 Oklawaha River at Riverside Landing near Orange Springs
October 1943 to September 1968

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-------|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 1,100 | 880 | 780 | 700 |
| 3 | 1,100 | 880 | 780 | 710 |
| 7 | 1,100 | 890 | 790 | 720 |
| 14 | 1,200 | 910 | 800 | 720 |
| 30 | 1,200 | 930 | 820 | 740 |
| 60 | 1,200 | 970 | 850 | 760 |
| 90 | 1,300 | 1,000 | 880 | 800 |
| 120 | 1,400 | 1,000 | 910 | 810 |
| 183 | 1,500 | 1,100 | 970 | 850 |

Site 19
02256000 Fisheating Creek near Venus
October 1955 to September 1965

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 1.1 | 0 | 0 | 0 |
| 90 | 3.3 | 0.1 | 0 | 0 |
| 120 | 5.9 | 0.4 | 0 | 0 |
| 183 | 16 | 1.4 | 0.3 | 0.1 |

Site 20
02256500 Fisheating Creek at Palmdale
October 1931 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 1.1 | 0 | 0 | 0 |
| 90 | 3.6 | 0.1 | 0 | 0 |
| 120 | 8.1 | 0.4 | 0 | 0 |
| 183 | 18 | 2.6 | 0.8 | 0.2 |

Site 21
02262900 Boggy Creek near Taft
October 1959 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0.9 | 0.2 | 0.1 | 0 |
| 3 | 0.9 | 0.2 | 0.1 | 0 |
| 7 | 1.1 | 0.3 | 0.2 | 0.1 |
| 14 | 1.5 | 0.6 | 0.4 | 0.3 |
| 30 | 2.8 | 1.3 | 0.9 | 0.6 |
| 60 | 4.4 | 2.3 | 1.6 | 1.2 |
| 90 | 6.4 | 3.8 | 2.9 | 2.3 |
| 120 | 8.9 | 5.2 | 3.9 | 3.1 |
| 183 | 12 | 7.0 | 5.5 | 4.7 |

Site 22
02263500 St. Cloud Canal at S-59 near St. Cloud
October 1942 to September 1968

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 6.7 | 0 | 0 | 0 |
| 14 | 10 | 0 | 0 | 0 |
| 30 | 16 | 0 | 0 | 0 |
| 60 | 30 | 1.2 | 0 | 0 |
| 90 | 44 | 5.4 | 0.1 | 0 |
| 120 | 64 | 9.0 | 0.7 | 0 |
| 183 | 94 | 27 | 10 | 2.3 |

Site 23
02263800 Shingle Creek at airport near Kissimmee
October 1958 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 3.4 | 0 | 0 | 0 |
| 3 | 3.9 | 0 | 0 | 0 |
| 7 | 4.8 | 0 | 0 | 0 |
| 14 | 5.0 | 0.2 | 0 | 0 |
| 30 | 7.6 | 0.6 | 0 | 0 |
| 60 | 9.8 | 1.7 | 0.5 | 0.1 |
| 90 | 14 | 6.3 | 3.8 | 2.4 |
| 120 | 18 | 9.4 | 6.3 | 4.5 |
| 183 | 29 | 14 | 9.5 | 6.7 |

Site 24
02263869 South Lake outlet above S-15 near Vineland
October 1972 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|---|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 |
| 183 | 0 | 0 | 0 | 0 |

Site 25
02264000 Cypress Creek at Vineland
October 1945 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0.1 | 0 | 0 | 0 |
| 120 | 0.2 | 0 | 0 | 0 |
| 183 | 0.6 | 0.1 | 0 | 0 |

Site 26
02264100 Bonnet Creek near Vineland
October 1971 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 1.0 | 0 | 0 | 0 |
| 3 | 2.9 | 0.1 | 0 | 0 |
| 7 | 2.7 | 0.2 | 0 | 0 |
| 14 | 4.2 | 0.8 | 0.1 | 0 |
| 30 | 5.2 | 3.1 | 2.1 | 1.1 |
| 60 | 7.2 | 4.9 | 4.1 | 3.5 |
| 90 | 9.2 | 6.2 | 4.9 | 4.0 |
| 120 | 6.9 | 5.4 | 4.3 | 3.4 |
| 183 | 13 | 8.6 | 6.8 | 5.5 |

Site 27
02264495 Shingle Creek at Campbell
October 1968 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 14 | 6.9 | 4.5 | 3.0 |
| 3 | 16 | 8.4 | 5.6 | 3.9 |
| 7 | 18 | 9.4 | 6.2 | 4.2 |
| 14 | 20 | 11 | 7.2 | 5.0 |
| 30 | 24 | 14 | 10 | 7.6 |
| 60 | 30 | 19 | 14 | 11 |
| 90 | 36 | 23 | 17 | 13 |
| 120 | 46 | 28 | 20 | 15 |
| 183 | 62 | 41 | 32 | 26 |

Site 28
02265000 South Port Canal at S-61 near St. Cloud
October 1942 to September 1968

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 21 | 0 | 0 | 0 |
| 3 | 22 | 0.1 | 0 | 0 |
| 7 | 27 | 0.8 | 0 | 0 |
| 14 | 31 | 2.1 | 0 | 0 |
| 30 | 43 | 3.1 | 0.2 | 0 |
| 60 | 51 | 4.5 | 0.3 | 0 |
| 90 | 58 | 6.6 | 1.3 | 0.1 |
| 120 | 95 | 15 | 3.4 | 0.3 |
| 183 | 200 | 31 | 7.2 | 1.6 |

Site 29
02266000 Canoe Creek near St. Cloud
October 1950 to September 1958

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 1.6 | 0.3 | 0 | 0 |
| 3 | 1.6 | 0.3 | 0 | 0 |
| 7 | 1.9 | 0.6 | 0.1 | 0 |
| 14 | 2.2 | 0.8 | 0.1 | 0 |
| 30 | 2.8 | 0.8 | 0.1 | 0 |
| 60 | 5.7 | 0.8 | 0.1 | 0 |
| 90 | 9.3 | 2.0 | 0.5 | 0.1 |
| 120 | 14 | 2.8 | 0.7 | 0.2 |
| 183 | 24 | 6.6 | 2.3 | 0.8 |

Site 30
02266200 Whittenhorse Creek near Vineland
October 1966 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|---|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 |
| 183 | 0.1 | 0 | 0 | 0 |

Site 31
02266300 Reedy Creek near Vineland
October 1966 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 4.0 | 1.8 | 0.1 | 0 |
| 3 | 4.2 | 1.9 | 0.1 | 0 |
| 7 | 4.7 | 2.1 | 0.2 | 0 |
| 14 | 5.2 | 2.5 | 0.2 | 0 |
| 30 | 7.8 | 3.0 | 0.6 | 0 |
| 60 | 8.3 | 3.0 | 0.8 | 0 |
| 90 | 11 | 3.0 | 0.8 | 0.2 |
| 120 | 11 | 4.7 | 2.6 | 1.4 |
| 183 | 14 | 7.4 | 5.1 | 3.7 |

Site 32
02266480 Davenport Creek near Loughman
October 1969 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0.8 | 0.5 | 0.4 | 0.4 |
| 3 | 0.9 | 0.6 | 0.5 | 0.4 |
| 7 | 0.9 | 0.6 | 0.5 | 0.4 |
| 14 | 1.0 | 0.7 | 0.6 | 0.5 |
| 30 | 1.3 | 0.8 | 0.6 | 0.5 |
| 60 | 1.5 | 1.0 | 0.8 | 0.7 |
| 90 | 1.8 | 1.3 | 1.1 | 1.0 |
| 120 | 2.4 | 1.6 | 1.4 | 1.3 |
| 183 | 3.4 | 2.2 | 1.8 | 1.6 |

Site 33
02266500 Reedy Creek near Loughman (before structure 40)
October 1939 to September 1959

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 5.4 | 3.6 | 2.9 | 2.5 |
| 3 | 5.7 | 3.8 | 3.1 | 2.7 |
| 7 | 6.4 | 4.2 | 3.4 | 2.9 |
| 14 | 7.6 | 4.9 | 3.9 | 3.2 |
| 30 | 11 | 6.7 | 5.1 | 4.1 |
| 60 | 16 | 9.8 | 7.4 | 5.8 |
| 90 | 21 | 12 | 9.1 | 7.0 |
| 120 | 26 | 16 | 12 | 9.2 |
| 183 | 38 | 24 | 19 | 15 |

Site 34
02266500 Reedy Creek near Loughman
October 1970 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0.2 | 0 | 0 | 0 |
| 90 | 1.8 | 0 | 0 | 0 |
| 120 | 4.5 | 0.4 | 0 | 0 |
| 183 | 10 | 5.0 | 3.5 | 2.6 |

Site 35
02267000 Catfish Creek near Lake Wales
October 1947 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 16 | 6.2 | 3.2 | 1.6 |
| 3 | 16 | 6.4 | 3.3 | 1.8 |
| 7 | 16 | 6.8 | 3.7 | 2.0 |
| 14 | 17 | 7.4 | 4.2 | 2.4 |
| 30 | 19 | 8.5 | 5.0 | 3.0 |
| 60 | 21 | 11 | 7.3 | 5.1 |
| 90 | 23 | 14 | 10 | 7.6 |
| 120 | 26 | 16 | 12 | 9.9 |
| 183 | 30 | 21 | 17 | 14 |

Site 36
02269500 Reedy Creek near Frostproof
October 1946 to September 1971

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 7.3 | 1.4 | 0.4 | 0 |
| 3 | 7.9 | 1.5 | 0.4 | 0 |
| 7 | 8.9 | 2.3 | 0.8 | 0.1 |
| 14 | 11 | 2.9 | 0.9 | 0.1 |
| 30 | 13 | 2.9 | 0.9 | 0.3 |
| 60 | 15 | 5.1 | 2.4 | 1.1 |
| 90 | 18 | 7.9 | 4.5 | 2.7 |
| 120 | 20 | 10 | 6.9 | 4.8 |
| 183 | 23 | 14 | 9.8 | 7.3 |

Site 37
02270000 Carter Creek near Sebring
October 1954 to September 1966

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 7.9 | 4.6 | 3.4 | 2.6 |
| 3 | 8.5 | 5.0 | 3.8 | 2.9 |
| 7 | 9.1 | 5.6 | 4.3 | 3.4 |
| 14 | 10 | 6.2 | 4.7 | 3.8 |
| 30 | 12 | 7.3 | 5.8 | 4.8 |
| 60 | 14 | 9.3 | 7.7 | 6.6 |
| 90 | 16 | 11 | 8.6 | 7.2 |
| 120 | 17 | 11 | 8.9 | 7.5 |
| 183 | 18 | 12 | 9.7 | 8.2 |

Site 38
02270500 Arbuckle Creek near De Soto City
October 1939 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 32 | 8.5 | 3.6 | 1.6 |
| 3 | 33 | 9.7 | 4.5 | 2.2 |
| 7 | 36 | 12 | 6.2 | 3.3 |
| 14 | 40 | 15 | 7.8 | 4.5 |
| 30 | 51 | 20 | 11 | 6.6 |
| 60 | 64 | 28 | 17 | 11 |
| 90 | 79 | 38 | 25 | 18 |
| 120 | 91 | 47 | 33 | 24 |
| 183 | 120 | 63 | 45 | 34 |

Site 39
02271000 Stearns Creek near Lake Placid
October 1955 to September 1968

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0.1 | 0 | 0 | 0 |
| 3 | 0.1 | 0 | 0 | 0 |
| 7 | 0.1 | 0 | 0 | 0 |
| 14 | 0.1 | 0 | 0 | 0 |
| 30 | 0.1 | 0 | 0 | 0 |
| 60 | 0.4 | 0.1 | 0 | 0 |
| 90 | 0.6 | 0.1 | 0 | 0 |
| 120 | 0.9 | 0.1 | 0 | 0 |
| 183 | 2.7 | 0.4 | 0.1 | 0 |

Site 40
02271500 Josephine Creek near De Soto City
October 1946 to September 1975 and October 1978 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 7.1 | 2.9 | 1.7 | 1.1 |
| 3 | 7.4 | 3.0 | 1.8 | 1.2 |
| 7 | 8.1 | 3.4 | 2.1 | 1.4 |
| 14 | 8.9 | 3.8 | 2.4 | 1.6 |
| 30 | 11 | 4.5 | 2.8 | 1.8 |
| 60 | 14 | 5.8 | 3.6 | 2.4 |
| 90 | 16 | 7.0 | 4.5 | 3.0 |
| 120 | 20 | 8.4 | 5.3 | 3.6 |
| 183 | 27 | 12 | 7.6 | 5.2 |

Site 41
02293000 Orange River near Fort Myers
October 1936 to September 1946

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0.1 | 0 | 0 | 0 |
| 90 | 0.3 | 0 | 0 | 0 |
| 120 | 0.7 | 0 | 0 | 0 |
| 183 | 2.0 | 0.6 | 0.3 | 0.2 |

Site 42
02293694 Peace Creek drainage canal near Dundee
October 1946 to September 1959

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0.9 | 0.1 | 0 | 0 |
| 3 | 1.0 | 0.2 | 0 | 0 |
| 7 | 1.2 | 0.2 | 0 | 0 |
| 14 | 1.6 | 0.3 | 0.1 | 0 |
| 30 | 2.1 | 0.5 | 0.1 | 0 |
| 60 | 3.2 | 0.8 | 0.2 | 0 |
| 90 | 4.4 | 0.8 | 0.2 | 0.1 |
| 120 | 6.4 | 1.3 | 0.4 | 0.1 |
| 183 | 10 | 2.2 | 0.7 | 0.2 |

Site 43
02293986 Peace Creek drainage canal near Alturas
October 1947 to September 1971

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 7.2 | 2.9 | 1.6 | 1.0 |
| 3 | 7.4 | 3.2 | 1.9 | 1.2 |
| 7 | 7.7 | 4.1 | 2.9 | 2.2 |
| 14 | 8.8 | 5.0 | 3.7 | 2.9 |
| 30 | 11 | 6.4 | 4.8 | 3.9 |
| 60 | 14 | 8.3 | 6.4 | 5.2 |
| 90 | 18 | 10 | 7.8 | 6.3 |
| 120 | 23 | 12 | 9.3 | 7.3 |
| 183 | 34 | 17 | 11 | 8.4 |

Site 44
02294068 Lake Lulu outlet at Eloise
October 1946 to September 1971

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0.4 | 0.1 | 0 | 0 |
| 3 | 0.5 | 0.1 | 0 | 0 |
| 7 | 0.6 | 0.1 | 0.1 | 0 |
| 14 | 1.0 | 0.3 | 0.1 | 0 |
| 30 | 1.2 | 0.6 | 0.4 | 0.2 |
| 60 | 1.8 | 0.9 | 0.6 | 0.4 |
| 90 | 2.2 | 1.1 | 0.7 | 0.5 |
| 120 | 2.7 | 1.3 | 0.9 | 0.7 |
| 183 | 3.6 | 1.7 | 1.2 | 0.9 |

Site 45
02294491 Saddle Creek at structure P-11 near Bartow
October 1964 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0.6 | 0 | 0 | 0 |
| 120 | 3.2 | 0 | 0 | 0 |
| 183 | 11 | 0.4 | 0 | 0 |

Site 46
02294650 Peace River at Bartow
October 1939 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 23 | 9.4 | 5.5 | 3.4 |
| 3 | 24 | 10 | 6.0 | 3.7 |
| 7 | 26 | 12 | 7.5 | 5.0 |
| 14 | 29 | 14 | 9.0 | 6.3 |
| 30 | 34 | 17 | 11 | 8.3 |
| 60 | 43 | 22 | 15 | 11 |
| 90 | 54 | 27 | 19 | 14 |
| 120 | 69 | 34 | 23 | 17 |
| 183 | 98 | 47 | 31 | 22 |

Site 47
02294898 Peace River at Fort Meade
October 1974 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 38 | 22 | 16 | 13 |
| 3 | 41 | 23 | 17 | 14 |
| 7 | 44 | 26 | 20 | 16 |
| 14 | 48 | 29 | 22 | 18 |
| 30 | 56 | 34 | 27 | 22 |
| 60 | 69 | 41 | 32 | 26 |
| 90 | 85 | 50 | 38 | 31 |
| 120 | 100 | 60 | 45 | 35 |
| 183 | 140 | 78 | 56 | 43 |

Site 48
02295420 Payne Creek near Bowling Green
October 1963 to September 1968 and October 1979 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 3.2 | 1.6 | 1.2 | 1.0 |
| 3 | 3.7 | 1.8 | 1.4 | 1.1 |
| 7 | 4.8 | 2.2 | 1.6 | 1.3 |
| 14 | 5.8 | 2.5 | 1.7 | 1.3 |
| 30 | 7.9 | 3.3 | 2.1 | 1.5 |
| 60 | 13 | 5.0 | 2.9 | 1.9 |
| 90 | 18 | 8.3 | 5.5 | 3.8 |
| 120 | 23 | 12 | 9.1 | 7.2 |
| 183 | 36 | 18 | 12 | 8.2 |

Site 49
02295637 Peace River at Zolfo Springs
October 1933 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 88 | 58 | 46 | 38 |
| 3 | 93 | 61 | 49 | 40 |
| 7 | 100 | 67 | 54 | 45 |
| 14 | 110 | 75 | 60 | 50 |
| 30 | 130 | 86 | 70 | 59 |
| 60 | 150 | 100 | 82 | 69 |
| 90 | 190 | 120 | 96 | 80 |
| 120 | 220 | 140 | 110 | 88 |
| 183 | 300 | 180 | 140 | 110 |

Site 50
02296223 Little Charley Bowlegs Creek near Sebring
October 1952 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0.2 | 0 | 0 | 0 |
| 60 | 0.6 | 0.1 | 0 | 0 |
| 90 | 1.8 | 0.3 | 0.1 | 0 |
| 120 | 3.4 | 0.7 | 0.2 | 0 |
| 183 | 6.4 | 1.6 | 0.7 | 0.3 |

Site 51
02296500 Charlie Creek near Gardner
October 1950 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 2.6 | 0.8 | 0.4 | 0.2 |
| 3 | 2.9 | 1.0 | 0.6 | 0.3 |
| 7 | 3.2 | 1.2 | 0.6 | 0.4 |
| 14 | 3.8 | 1.4 | 0.8 | 0.5 |
| 30 | 5.4 | 2.0 | 1.1 | 0.7 |
| 60 | 11 | 3.4 | 1.8 | 1.0 |
| 90 | 20 | 6.3 | 3.3 | 1.9 |
| 120 | 31 | 9.7 | 5.1 | 2.9 |
| 183 | 61 | 19 | 9.3 | 5.0 |

Site 52
02296750 Peace River at Arcadia
October 1931 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 99 | 62 | 49 | 40 |
| 3 | 100 | 65 | 51 | 42 |
| 7 | 110 | 70 | 55 | 45 |
| 14 | 120 | 76 | 60 | 50 |
| 30 | 140 | 87 | 70 | 59 |
| 60 | 170 | 110 | 83 | 69 |
| 90 | 220 | 130 | 100 | 81 |
| 120 | 280 | 150 | 110 | 88 |
| 183 | 380 | 200 | 140 | 110 |

Site 53
02297100 Joshua Creek at Nocatee
October 1950 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 1.1 | 0.4 | 0.2 | 0 |
| 3 | 1.2 | 0.5 | 0.2 | 0 |
| 7 | 1.7 | 0.5 | 0.2 | 0 |
| 14 | 2.0 | 0.7 | 0.4 | 0.2 |
| 30 | 2.5 | 1.2 | 0.8 | 0.6 |
| 60 | 4.4 | 2.0 | 1.4 | 1.0 |
| 90 | 7.2 | 3.1 | 2.0 | 1.4 |
| 120 | 11 | 4.3 | 2.7 | 1.8 |
| 183 | 18 | 7.1 | 4.2 | 2.7 |

Site 54
02297310 Horse Creek near Arcadia
October 1950 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 1.0 | 0.2 | 0 | 0 |
| 3 | 1.1 | 0.2 | 0 | 0 |
| 7 | 1.1 | 0.2 | 0.1 | 0 |
| 14 | 1.4 | 0.4 | 0.2 | 0.1 |
| 30 | 2.0 | 0.5 | 0.3 | 0.2 |
| 60 | 4.8 | 1.3 | 0.6 | 0.4 |
| 90 | 10 | 2.7 | 1.3 | 0.7 |
| 120 | 19 | 5.2 | 2.5 | 1.3 |
| 183 | 38 | 11 | 5.2 | 2.7 |

Site 55
02298123 Prairie Creek near Fort Ogden
October 1963 to September 1968 and October 1977 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 2.0 | 0.6 | 0.1 | 0 |
| 3 | 2.3 | 0.8 | 0.1 | 0 |
| 7 | 3.0 | 0.8 | 0.2 | 0.1 |
| 14 | 3.3 | 1.2 | 0.6 | 0.3 |
| 30 | 4.0 | 1.7 | 1.0 | 0.7 |
| 60 | 5.8 | 2.5 | 1.6 | 1.1 |
| 90 | 9.1 | 3.5 | 2.2 | 1.5 |
| 120 | 16 | 6.0 | 3.6 | 2.4 |
| 183 | 29 | 10 | 5.6 | 3.4 |

Site 56
02298202 Shell Creek near Punta Gorda
October 1965 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 7.4 | 0 | 0 | 0 |
| 60 | 17 | 2.6 | 0.8 | 0.3 |
| 90 | 34 | 11 | 5.5 | 3.1 |
| 120 | 52 | 23 | 15 | 11 |
| 183 | 74 | 39 | 29 | 23 |

Site 57
02298608 Myakka River at Myakka City
October 1963 to September 1966 and October 1977 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0.2 | 0 | 0 | 0 |
| 60 | 1.0 | 0 | 0 | 0 |
| 90 | 6.8 | 0.2 | 0 | 0 |
| 120 | 14 | 1.4 | 0.2 | 0 |
| 183 | 35 | 7.5 | 2.9 | 1.3 |

Site 58
02298830 Myakka River near Sarasota
October 1936 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0.2 | 0 | 0 | 0 |
| 60 | 1.0 | 0 | 0 | 0 |
| 90 | 6.8 | 0.2 | 0 | 0 |
| 120 | 14 | 1.4 | 0.2 | 0 |
| 183 | 35 | 7.5 | 2.9 | 1.3 |

Site 59
02299470 Big Slough near Murdock
October 1963 to September 1972

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0.4 | 0.1 | 0 | 0 |
| 3 | 0.5 | 0.1 | 0 | 0 |
| 7 | 0.6 | 0.2 | 0 | 0 |
| 14 | 0.7 | 0.2 | 0.1 | 0 |
| 30 | 1.2 | 0.3 | 0.1 | 0 |
| 60 | 1.8 | 0.5 | 0.2 | 0.1 |
| 90 | 2.8 | 1.2 | 0.9 | 0.7 |
| 120 | 5.7 | 2.1 | 1.3 | 0.9 |
| 183 | 10 | 3.5 | 2.0 | 1.2 |

Site 60
02299750 Phillippe Creek near Sarasota
October 1963 to September 1968 and October 1979 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 1.1 | 0.5 | 0.3 | 0.2 |
| 3 | 1.4 | 0.6 | 0.4 | 0.3 |
| 7 | 1.7 | 0.8 | 0.5 | 0.4 |
| 14 | 1.9 | 0.9 | 0.6 | 0.4 |
| 30 | 2.4 | 1.2 | 0.8 | 0.5 |
| 60 | 3.2 | 1.6 | 1.1 | 0.8 |
| 90 | 3.8 | 2.1 | 1.5 | 1.1 |
| 120 | 5.2 | 3.1 | 2.4 | 1.9 |
| 183 | 7.2 | 4.1 | 3.1 | 2.5 |

Site 61
02299950 Manatee River near Myakka Head
October 1966 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 1.0 | 0.4 | 0.3 | 0.2 |
| 3 | 1.1 | 0.5 | 0.3 | 0.2 |
| 7 | 1.2 | 0.6 | 0.4 | 0.2 |
| 14 | 1.5 | 0.7 | 0.4 | 0.3 |
| 30 | 2.0 | 0.9 | 0.6 | 0.4 |
| 60 | 3.8 | 1.5 | 0.9 | 0.6 |
| 90 | 6.5 | 2.8 | 1.8 | 1.3 |
| 120 | 10 | 4.8 | 3.2 | 2.3 |
| 183 | 16 | 7.1 | 4.6 | 3.2 |

Site 62
02300000 Manatee River near Bradenton
October 1939 to September 1965

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 3.7 | 2.5 | 2.0 | 1.6 |
| 3 | 3.8 | 2.6 | 2.0 | 1.6 |
| 7 | 4.0 | 2.7 | 2.1 | 1.7 |
| 14 | 4.4 | 2.9 | 2.3 | 1.9 |
| 30 | 5.3 | 3.5 | 2.8 | 2.3 |
| 60 | 7.8 | 4.8 | 3.6 | 2.9 |
| 90 | 12 | 6.8 | 4.9 | 3.8 |
| 120 | 16 | 8.4 | 5.9 | 4.4 |
| 183 | 26 | 14 | 9.4 | 6.9 |

Site 63
02300100 Little Manatee River near Fort Lonesome
October 1963 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0.4 | 0 | 0 | 0 |
| 60 | 1.4 | 0.3 | 0.1 | 0.1 |
| 90 | 3.3 | 1.2 | 0.6 | 0.4 |
| 120 | 5.5 | 2.3 | 1.4 | 0.9 |
| 183 | 9.1 | 3.8 | 2.3 | 1.4 |

Site 64
02300500 Little Manatee River near Wimauma
October 1939 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 7.9 | 4.1 | 2.7 | 1.9 |
| 3 | 8.3 | 4.4 | 3.0 | 2.1 |
| 7 | 9.1 | 4.8 | 3.2 | 2.3 |
| 14 | 10 | 5.7 | 4.1 | 3.1 |
| 30 | 13 | 7.6 | 5.8 | 4.7 |
| 60 | 19 | 11 | 8.4 | 6.7 |
| 90 | 27 | 16 | 12 | 9.0 |
| 120 | 36 | 20 | 15 | 11 |
| 183 | 51 | 28 | 20 | 16 |

Site 65
02301000 North Prong Alafia River at Keysville
October 1950 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|----|----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 37 | 18 | 11 | 6.8 |
| 3 | 38 | 19 | 11 | 7.1 |
| 7 | 40 | 20 | 13 | 8.4 |
| 14 | 44 | 24 | 16 | 11 |
| 30 | 48 | 29 | 21 | 16 |
| 60 | 58 | 36 | 28 | 22 |
| 90 | 66 | 45 | 37 | 31 |
| 120 | 77 | 54 | 45 | 38 |
| 183 | 93 | 66 | 56 | 49 |

Site 66
02301300 South Prong Alafia River near Lithia
October 1963 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 10 | 4.0 | 2.3 | 1.4 |
| 3 | 11 | 4.4 | 2.6 | 1.6 |
| 7 | 12 | 5.0 | 3.0 | 1.9 |
| 14 | 14 | 6.0 | 3.6 | 2.3 |
| 30 | 19 | 9.0 | 5.8 | 4.0 |
| 60 | 27 | 14 | 9.9 | 7.2 |
| 90 | 34 | 18 | 13 | 9.3 |
| 120 | 44 | 24 | 17 | 12 |
| 183 | 54 | 32 | 25 | 20 |

Site 67
02301350 Little Alafia River near Hopewell
October 1966 to September 1979

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0.1 | 0 | 0 | 0 |
| 90 | 0.2 | 0 | 0 | 0 |
| 120 | 0.3 | 0 | 0 | 0 |
| 183 | 1.0 | 0.2 | 0.1 | 0 |

Site 68
02301500 Alafia River at Lithia
October 1932 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|----|----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 39 | 19 | 13 | 9.0 |
| 3 | 40 | 20 | 14 | 9.6 |
| 7 | 43 | 22 | 15 | 11 |
| 14 | 48 | 25 | 17 | 12 |
| 30 | 58 | 32 | 23 | 17 |
| 60 | 75 | 42 | 31 | 24 |
| 90 | 95 | 56 | 41 | 32 |
| 120 | 120 | 69 | 51 | 40 |
| 183 | 160 | 95 | 73 | 59 |

Site 69
02301800 Sixmile Creek at Tampa
October 1956 to September 1969

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 19 | 10 | 7.0 | 4.8 |
| 3 | 19 | 11 | 7.4 | 5.2 |
| 7 | 20 | 12 | 9.0 | 6.6 |
| 14 | 22 | 15 | 11 | 8.4 |
| 30 | 25 | 18 | 14 | 12 |
| 60 | 29 | 21 | 18 | 15 |
| 90 | 32 | 24 | 20 | 18 |
| 120 | 34 | 25 | 21 | 18 |
| 183 | 42 | 30 | 25 | 21 |

Site 70
02301900 Fox Branch near Socrum
October 1964 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0.1 | 0 | 0 | 0 |
| 14 | 0.2 | 0 | 0 | 0 |
| 30 | 0.5 | 0.1 | 0 | 0 |
| 60 | 0.8 | 0.4 | 0.2 | 0 |
| 90 | 1.3 | 0.6 | 0.4 | 0.3 |
| 120 | 1.9 | 1.0 | 0.6 | 0.5 |
| 183 | 2.8 | 1.6 | 1.2 | 1.0 |

Site 71
02302500 Blackwater Creek near Knights
October 1951 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 3.0 | 1.1 | 0.5 | 0.1 |
| 3 | 3.6 | 1.4 | 0.6 | 0.2 |
| 7 | 4.8 | 2.0 | 0.9 | 0.2 |
| 14 | 6.8 | 2.5 | 1.0 | 0.3 |
| 30 | 10 | 4.2 | 1.8 | 0.7 |
| 60 | 12 | 6.0 | 3.7 | 2.4 |
| 90 | 14 | 8.7 | 6.6 | 5.1 |
| 120 | 18 | 12 | 9.5 | 8.0 |
| 183 | 29 | 16 | 13 | 10 |

Site 72
02303000 Hillsborough River near Zephyrhills
October 1939 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 68 | 57 | 52 | 48 |
| 3 | 69 | 58 | 53 | 49 |
| 7 | 70 | 58 | 53 | 49 |
| 14 | 71 | 60 | 54 | 50 |
| 30 | 75 | 62 | 56 | 52 |
| 60 | 80 | 65 | 59 | 54 |
| 90 | 87 | 69 | 62 | 57 |
| 120 | 96 | 74 | 65 | 59 |
| 183 | 120 | 84 | 73 | 66 |

Site 73
02303100 New River near Zephyrhills
October 1964 to September 1974

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0.2 | 0 | 0 | 0 |
| 120 | 0.4 | 0.1 | 0 | 0 |
| 183 | 1.5 | 0.2 | 0 | 0 |

Site 74
02303300 Flint Creek near Thonotosassa
October 1956 to September 1958 and October 1970 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0.7 | 0 | 0 | 0 |
| 3 | 0.7 | 0.1 | 0 | 0 |
| 7 | 0.8 | 0.2 | 0 | 0 |
| 14 | 1.4 | 0.6 | 0.2 | 0 |
| 30 | 2.7 | 1.5 | 1.1 | 0.8 |
| 60 | 4.8 | 2.6 | 1.9 | 1.4 |
| 90 | 6.4 | 3.9 | 3.1 | 2.7 |
| 120 | 8.8 | 5.0 | 3.8 | 3.2 |
| 183 | 15 | 8.1 | 5.9 | 4.6 |

Site 75
02303330 Hillsborough River at Morris Bridge near Thonotosassa
October 1972 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 76 | 59 | 53 | 49 |
| 3 | 77 | 61 | 54 | 49 |
| 7 | 78 | 61 | 54 | 49 |
| 14 | 80 | 64 | 55 | 50 |
| 30 | 86 | 66 | 58 | 52 |
| 60 | 94 | 71 | 62 | 55 |
| 90 | 100 | 78 | 66 | 59 |
| 120 | 120 | 84 | 71 | 63 |
| 183 | 160 | 100 | 83 | 72 |

Site 76
02303350 Trout Creek near Sulphur Springs
October 1974 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0.1 | 0 | 0 | 0 |
| 120 | 0.6 | 0 | 0 | 0 |
| 183 | 1.8 | 0.5 | 0.3 | 0.2 |

Site 77
02303400 Cypress Creek near San Antonio
October 1963 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0.8 | 0 | 0 | 0 |
| 120 | 2.0 | 0.3 | 0 | 0 |
| 183 | 4.8 | 2.0 | 1.2 | 0.4 |

Site 78
02303420 Cypress Creek at Worthington Gardens
October 1974 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0.8 | 0 | 0 | 0 |
| 120 | 2.7 | 0.3 | 0.1 | 0 |
| 183 | 9.3 | 4.6 | 3.4 | 2.7 |

Site 79
02303800 Cypress Creek near Sulphur Springs
October 1964 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0.4 | 0 | 0 | 0 |
| 90 | 2.6 | 0.1 | 0 | 0 |
| 120 | 9.2 | 2.1 | 0.6 | 0 |
| 183 | 25 | 10 | 6.4 | 4.1 |

Site 80
02304500 Hillsborough River near Tampa
October 1938 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 5.4 | 0.5 | 0.1 | 0 |
| 3 | 5.8 | 0.5 | 0.1 | 0 |
| 7 | 6.7 | 0.7 | 0.2 | 0.1 |
| 14 | 8.6 | 0.8 | 0.2 | 0.1 |
| 30 | 12 | 1.1 | 0.2 | 0.1 |
| 60 | 24 | 2.2 | 0.5 | 0.1 |
| 90 | 38 | 4.2 | 1.0 | 0.2 |
| 120 | 76 | 12 | 3.5 | 1.0 |
| 183 | 160 | 44 | 19 | 8.7 |

Site 81
02305500 Drainage ditch at Bearss Avenue near Sulphur Springs
October 1946 to September 1956

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|---|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 |
| 120 | 0.1 | 0 | 0 | 0 |
| 183 | 0.4 | 0 | 0 | 0 |

Site 82
02306000 Sulphur Springs at Sulphur Springs
October 1959 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 12 | 3.1 | 1.3 | 0.6 |
| 3 | 12 | 3.4 | 1.4 | 0.6 |
| 7 | 12 | 3.8 | 2.0 | 1.1 |
| 14 | 12 | 5.1 | 3.4 | 2.4 |
| 30 | 14 | 6.2 | 4.1 | 2.9 |
| 60 | 17 | 8.1 | 5.4 | 3.8 |
| 90 | 23 | 12 | 8.3 | 6.0 |
| 120 | 28 | 16 | 12 | 8.4 |
| 183 | 34 | 23 | 19 | 16 |

Site 83
02306289 Lake Magdalene outlet near Lutz
October 1970 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|---|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 |
| 183 | 0 | 0 | 0 | 0 |

Site 84
02306500 Sweetwater Creek near Sulphur Springs
October 1951 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0.1 | 0 | 0 | 0 |
| 14 | 0.1 | 0 | 0 | 0 |
| 30 | 0.2 | 0 | 0 | 0 |
| 60 | 0.2 | 0 | 0 | 0 |
| 90 | 0.5 | 0.1 | 0 | 0 |
| 120 | 0.7 | 0.2 | 0.1 | 0 |
| 183 | 1.1 | 0.3 | 0.1 | 0 |

Site 85
02307000 Rocky Creek near Sulphur Springs
October 1953 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 1.2 | 0.4 | 0.2 | 0.1 |
| 3 | 1.3 | 0.5 | 0.3 | 0.1 |
| 7 | 1.4 | 0.6 | 0.4 | 0.2 |
| 14 | 1.7 | 0.7 | 0.4 | 0.2 |
| 30 | 2.5 | 0.8 | 0.4 | 0.2 |
| 60 | 3.0 | 1.6 | 1.2 | 1.0 |
| 90 | 4.2 | 2.2 | 1.6 | 1.2 |
| 120 | 5.6 | 2.9 | 2.1 | 1.6 |
| 183 | 9.2 | 4.5 | 3.2 | 2.5 |

Site 86
02307243 Brooker Creek near Odessa
October 1946 to September 1955

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 |
| 183 | 0.3 | 0.1 | 0 | 0 |

Site 87
02307323 Brooker Creek near Lake Fern
October 1970 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 |
| 183 | 0.3 | 0.1 | 0 | 0 |

Site 88
02307359 Brooker Creek near Tarpon Springs
October 1950 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0.3 | 0 | 0 | 0 |
| 120 | 0.8 | 0.1 | 0 | 0 |
| 183 | 3.6 | 0.8 | 0.3 | 0.1 |

Site 89
02307498 Lake Tarpon Canal at S-551 near Oldsmar
October 1974 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0.2 | 0 | 0 | 0 |
| 120 | 0.9 | 0.1 | 0 | 0 |
| 183 | 13 | 8.6 | 6.9 | 5.7 |

Site 90
02307697 Alligator Creek at Safety Harbor
October 1949 to September 1958 and October 1960 to September 1974

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0.1 | 0 | 0 | 0 |
| 60 | 0.5 | 0 | 0 | 0 |
| 90 | 1.0 | 0.2 | 0.1 | 0 |
| 120 | 1.6 | 0.6 | 0.3 | 0.1 |
| 183 | 3.5 | 1.1 | 0.4 | 0.2 |

Site 91
02308889 Seminole Lake outlet near Largo
October 1950 to September 1971

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0.4 | 0 | 0 | 0 |
| 120 | 1.7 | 0.1 | 0 | 0 |
| 183 | 4.4 | 1.5 | 0.7 | 0.3 |

Site 92
02309848 South Branch Anclote River near Odessa
October 1970 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 |
| 183 | 0.3 | 0.1 | 0 | 0 |

Site 93
02310000 Anclothe River near Elfers
October 1946 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 2.3 | 1.5 | 1.3 | 1.1 |
| 3 | 2.3 | 1.6 | 1.4 | 1.2 |
| 7 | 2.4 | 1.7 | 1.5 | 1.4 |
| 14 | 2.5 | 1.9 | 1.7 | 1.6 |
| 30 | 2.6 | 2.3 | 2.2 | 2.2 |
| 60 | 3.3 | 2.7 | 2.6 | 2.4 |
| 90 | 4.5 | 3.0 | 2.6 | 2.4 |
| 120 | 7.5 | 3.9 | 3.0 | 2.4 |
| 183 | 16 | 7.2 | 4.9 | 3.6 |

Site 94
02310240 Jumping Gully at Loyce
October 1964 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|---|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 |
| 183 | 0.6 | 0 | 0 | 0 |

Site 95
02310300 Pithlachascotee River near New Port Richey
October 1963 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0.8 | 0.6 | 0.4 | 0.2 |
| 3 | 0.8 | 0.6 | 0.4 | 0.2 |
| 7 | 0.9 | 0.6 | 0.4 | 0.2 |
| 14 | 1.0 | 0.7 | 0.5 | 0.4 |
| 30 | 1.1 | 0.8 | 0.6 | 0.4 |
| 60 | 1.8 | 0.9 | 0.6 | 0.4 |
| 90 | 3.0 | 1.2 | 0.7 | 0.4 |
| 120 | 4.8 | 2.0 | 1.1 | 0.7 |
| 183 | 9.8 | 4.8 | 3.3 | 2.4 |

Site 96
02310352 Bear Creek at Plaza Drive near Hudson
October 1970 to September 1977

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0.1 | 0 | 0 | 0 |
| 30 | 0.4 | 0.1 | 0 | 0 |
| 60 | 0.6 | 0.1 | 0 | 0 |
| 90 | 1.3 | 0.6 | 0.3 | 0.2 |
| 120 | 1.9 | 0.8 | 0.5 | 0.3 |
| 183 | 4.6 | 2.2 | 1.4 | 0.9 |

Site 97
02310750 Crystal River near Crystal River
October 1964 to September 1977

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 52 | 0 | 0 | 0 |
| 14 | 300 | 170 | 83 | 14 |
| 30 | 470 | 330 | 270 | 230 |
| 60 | 580 | 440 | 370 | 330 |
| 90 | 630 | 480 | 420 | 380 |
| 120 | 700 | 550 | 490 | 440 |
| 183 | 820 | 660 | 590 | 540 |

Site 98
02310800 Withlacoochee River near Eva
October 1958 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0.1 | 0 | 0 | 0 |
| 30 | 0.3 | 0 | 0 | 0 |
| 60 | 0.8 | 0 | 0 | 0 |
| 90 | 1.6 | 0.3 | 0.1 | 0 |
| 120 | 3.5 | 0.6 | 0.2 | 0.1 |
| 183 | 8.5 | 1.8 | 0.8 | 0.4 |

Site 99
02310947 Withlacoochee River near Cumpressco
October 1967 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0.1 | 0 | 0 | 0 |
| 30 | 0.3 | 0 | 0 | 0 |
| 60 | 0.8 | 0 | 0 | 0 |
| 90 | 1.6 | 0.3 | 0.1 | 0 |
| 120 | 6.1 | 1.0 | 0.3 | 0.1 |
| 183 | 20 | 4.7 | 2.1 | 1.0 |

Site 100
02312000 Withlacoochee River at Trilby
October 1930 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|----|----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 28 | 15 | 11 | 8.4 |
| 3 | 29 | 16 | 11 | 8.7 |
| 7 | 30 | 16 | 12 | 9.1 |
| 14 | 32 | 18 | 13 | 9.7 |
| 30 | 36 | 20 | 14 | 11 |
| 60 | 44 | 24 | 17 | 13 |
| 90 | 55 | 28 | 20 | 15 |
| 120 | 70 | 35 | 24 | 17 |
| 183 | 110 | 52 | 35 | 25 |

Site 101
02312180 Little Withlacoochee River near Tarrytown
October 1966 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 |
| 90 | 0.2 | 0 | 0 | 0 |
| 120 | 0.7 | 0 | 0 | 0 |
| 183 | 4.9 | 0.6 | 0.1 | 0 |

Site 102
02312200 Little Withlacoochee River at Rerdell
October 1958 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 1.6 | 0.1 | 0 | 0 |
| 3 | 1.7 | 0.2 | 0 | 0 |
| 7 | 2.3 | 0.2 | 0 | 0 |
| 14 | 2.4 | 0.3 | 0 | 0 |
| 30 | 3.1 | 0.5 | 0 | 0 |
| 60 | 4.3 | 0.8 | 0.1 | 0 |
| 90 | 5.6 | 1.0 | 0.3 | 0.1 |
| 120 | 8.6 | 1.8 | 0.7 | 0.3 |
| 183 | 18 | 4.5 | 2.1 | 1.0 |

Site 103
02312500 Withlacoochee River at Croom
October 1939 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 69 | 35 | 23 | 15 |
| 3 | 71 | 36 | 23 | 16 |
| 7 | 73 | 38 | 25 | 17 |
| 14 | 76 | 40 | 26 | 18 |
| 30 | 82 | 42 | 28 | 19 |
| 60 | 91 | 48 | 32 | 23 |
| 90 | 100 | 55 | 37 | 26 |
| 120 | 120 | 64 | 43 | 30 |
| 183 | 180 | 88 | 60 | 44 |

Site 104
02312640 Jumper Creek Canal near Bushnell
October 1963 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 9.3 | 4.2 | 2.2 | 1.1 |
| 3 | 11 | 5.0 | 2.5 | 1.2 |
| 7 | 13 | 5.6 | 2.8 | 1.3 |
| 14 | 14 | 6.4 | 3.3 | 1.6 |
| 30 | 16 | 8.8 | 4.9 | 2.6 |
| 60 | 17 | 10 | 6.3 | 3.8 |
| 90 | 17 | 12 | 9.9 | 8.2 |
| 120 | 18 | 14 | 11 | 9.8 |
| 183 | 21 | 16 | 14 | 12 |

Site 105
02312700 Outlet River at Panacoochee Retreats
October 1962 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 80 | 43 | 26 | 12 |
| 3 | 82 | 44 | 26 | 12 |
| 7 | 86 | 48 | 30 | 13 |
| 14 | 91 | 52 | 34 | 14 |
| 30 | 110 | 52 | 34 | 14 |
| 60 | 110 | 64 | 43 | 29 |
| 90 | 110 | 71 | 52 | 38 |
| 120 | 120 | 79 | 63 | 51 |
| 183 | 140 | 100 | 85 | 73 |

Site 106
02312720 Withlacoochee River at Wysong Dam at Carlson
October 1965 to September 1980

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 170 | 120 | 110 | 98 |
| 3 | 180 | 130 | 110 | 100 |
| 7 | 190 | 140 | 120 | 110 |
| 14 | 200 | 140 | 120 | 110 |
| 30 | 210 | 160 | 140 | 120 |
| 60 | 230 | 170 | 150 | 140 |
| 90 | 260 | 190 | 170 | 150 |
| 120 | 300 | 220 | 190 | 170 |
| 183 | 400 | 290 | 240 | 210 |

Site 107
02312975 Tsala Apopka Outfall Canal at S-353 near Hernando
October 1968 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0.1 | 0 | 0 | 0 |
| 3 | 0.1 | 0 | 0 | 0 |
| 7 | 0.1 | 0 | 0 | 0 |
| 14 | 0.1 | 0 | 0 | 0 |
| 30 | 0.1 | 0 | 0 | 0 |
| 60 | 0.1 | 0 | 0 | 0 |
| 90 | 0.1 | 0 | 0 | 0 |
| 120 | 0.1 | 0.1 | 0 | 0 |
| 183 | 0.7 | 0.1 | 0.1 | 0 |

Site 108
02313000 Withlacoochee River near Holder
October 1931 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 320 | 200 | 150 | 130 |
| 3 | 320 | 200 | 160 | 130 |
| 7 | 330 | 210 | 160 | 140 |
| 14 | 340 | 220 | 170 | 140 |
| 30 | 370 | 240 | 190 | 160 |
| 60 | 410 | 260 | 210 | 170 |
| 90 | 440 | 290 | 230 | 190 |
| 120 | 480 | 320 | 250 | 210 |
| 183 | 590 | 380 | 300 | 250 |

Site 109
02313100 Rainbow Springs near Dunnellon
October 1965 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 620 | 560 | 540 | 520 |
| 3 | 620 | 570 | 540 | 520 |
| 7 | 620 | 570 | 540 | 520 |
| 14 | 620 | 570 | 540 | 530 |
| 30 | 630 | 570 | 540 | 530 |
| 60 | 630 | 570 | 550 | 530 |
| 90 | 640 | 580 | 550 | 540 |
| 120 | 640 | 580 | 560 | 540 |
| 183 | 660 | 600 | 580 | 560 |

Site 110
02313230 Withlacoochee River at Inglis Dam near Dunnellon
October 1969 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 70 | 70 | 70 | 70 |
| 3 | 70 | 70 | 70 | 70 |
| 7 | 70 | 70 | 70 | 70 |
| 14 | 70 | 70 | 70 | 70 |
| 30 | 70 | 70 | 70 | 70 |
| 60 | 70 | 70 | 70 | 70 |
| 90 | 70 | 70 | 70 | 70 |
| 120 | 70 | 70 | 70 | 70 |
| 183 | 80 | 70 | 70 | 70 |

Site 111
02313237 Cross-Florida Barge Canal at Inglis Lock near Inglis
October 1970 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 2.6 | 0 | 0 | 0 |
| 14 | 4.5 | 0.4 | 0 | 0 |
| 30 | 6.3 | 3.0 | 2.0 | 1.4 |
| 60 | 8.2 | 4.6 | 3.3 | 2.5 |
| 90 | 9.2 | 5.2 | 3.8 | 3.0 |
| 120 | 10 | 5.9 | 4.4 | 3.4 |
| 183 | 11 | 6.4 | 4.8 | 3.8 |

Site 112
02313250 Withlacoochee River Bypass Channel near Inglis
October 1970 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 600 | 330 | 190 | 100 |
| 3 | 630 | 350 | 200 | 110 |
| 7 | 670 | 400 | 250 | 150 |
| 14 | 700 | 480 | 340 | 240 |
| 30 | 760 | 540 | 400 | 290 |
| 60 | 820 | 570 | 420 | 310 |
| 90 | 830 | 620 | 490 | 400 |
| 120 | 850 | 680 | 590 | 520 |
| 183 | 930 | 800 | 730 | 680 |

Site 113
02313500 Waccasassa River near Otter Creek
October 1945 to September 1953

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 14 | 12 | 12 | 11 |
| 3 | 14 | 12 | 12 | 11 |
| 7 | 15 | 13 | 12 | 12 |
| 14 | 16 | 14 | 13 | 12 |
| 30 | 19 | 16 | 15 | 14 |
| 60 | 22 | 18 | 16 | 15 |
| 90 | 28 | 22 | 19 | 17 |
| 120 | 33 | 27 | 25 | 24 |
| 183 | 44 | 34 | 30 | 28 |

Site 114
02313700 Waccasassa River near Gulf Hammock
October 1963 to September 1978

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|----|----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 15 | 0 | 0 | 0 |
| 14 | 38 | 22 | 16 | 12 |
| 30 | 58 | 38 | 30 | 25 |
| 60 | 76 | 50 | 40 | 33 |
| 90 | 96 | 62 | 49 | 41 |
| 120 | 120 | 79 | 62 | 51 |
| 183 | 200 | 120 | 98 | 81 |

Site 115
02314000 Otter Creek at Otter Creek
October 1945 to September 1953

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 |
| 30 | 0.3 | 0 | 0 | 0 |
| 60 | 1.8 | 0.2 | 0 | 0 |
| 90 | 4.9 | 2.0 | 1.2 | 0.8 |
| 120 | 12 | 6.1 | 4.1 | 2.9 |
| 183 | 20 | 12 | 8.9 | 7.2 |

Site 116
02314200 Tenmile Creek at Lebanon Station
October 1963 to September 1981

| Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|----------------------------------|---|-----|-----|-----|
| | 2 | 5 | 10 | 20 |
| 1 | 0.1 | 0 | 0 | 0 |
| 3 | 0.1 | 0 | 0 | 0 |
| 7 | 0.1 | 0 | 0 | 0 |
| 14 | 0.1 | 0 | 0 | 0 |
| 30 | 0.1 | 0 | 0 | 0 |
| 60 | 0.3 | 0.1 | 0.1 | 0 |
| 90 | 0.8 | 0.2 | 0.1 | 0.1 |
| 120 | 3.5 | 0.9 | 0.4 | 0.2 |
| 183 | 10 | 3.6 | 2.0 | 1.2 |

Frequency Distributions for Low-Flow Partial-Record and Miscellaneous
Discharge-Measurement Stations

| Site ^{1/} | Station number and name | Period of consecu- tive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|--------------------|---|--|--|-----|-----|-----|
| | | | 2 | 5 | 10 | 20 |
| 201 | 02240105 | 7 | -- | -- | 0 | -- |
| | Daisy Creek near Fort McCoy | 30 | -- | -- | 0 | -- |
| 202 | 02241900 | 7 | 0 | -- | 0 | -- |
| | Lochloosa Creek at Grove Park | 30 | -- | -- | 0 | -- |
| ^{2/} 204 | 02294114 | 7 | 0 | -- | 0 | -- |
| | Lake Garfield outlet near Alturas | 30 | 0 | -- | 0 | -- |
| 205 | 02294230 | 7 | .1 | -- | 0 | -- |
| | Lake Parker Tributary near Lakeland | 30 | .1 | -- | 0 | -- |
| 206 | 02294238 | 7 | .7 | -- | .4 | -- |
| | Lake Parker Tributary #2 near Lakeland | 30 | .9 | -- | .5 | -- |
| 207 | 02295013 | 1 | 1.0 | 0.5 | .4 | 0.2 |
| | Bowlegs Creek near Fort Meade | 3 | 1.1 | .6 | .5 | .4 |
| | | 7 | 1.1 | .7 | .5 | .4 |
| | | 14 | 1.2 | .7 | .5 | .4 |
| | | 30 | 1.5 | .9 | .6 | .5 |
| | | 60 | 2.1 | 1.2 | .8 | .6 |
| | | 90 | 2.9 | 1.6 | 1.1 | .9 |
| | | 120 | 3.6 | 2.0 | 1.4 | 1.1 |
| | | 183 | 5.1 | 2.8 | 1.9 | 1.4 |
| 208 | 02295067 | 7 | .1 | -- | 0 | -- |
| | Bowlegs Creek at Pisgah Road near Fort Meade | 30 | .2 | -- | 0 | -- |
| 209 | 02295356 | 7 | .6 | -- | .1 | -- |
| | Payne Creek near Fort Green Springs | 30 | 1.5 | -- | .1 | -- |
| 210 | 02295435 | 1 | .2 | .1 | .1 | .1 |
| | Hog Branch near Wauchula | 3 | .2 | .2 | .1 | .1 |
| | | 7 | .2 | .2 | .1 | .1 |
| | | 14 | .2 | .2 | .1 | .1 |
| | | 30 | .2 | .2 | .2 | .1 |
| | | 60 | .3 | .2 | .2 | .2 |
| | | 90 | .4 | .2 | .2 | .2 |
| | | 120 | .6 | .3 | .2 | .2 |
| | | 183 | 1.1 | .4 | .3 | .2 |

Footnotes are at end of table.

| Site ^{1/} | Station number and name | Period of consecu- tive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|--------------------|---|--|--|-----|-----|-----|
| | | | 2 | 5 | 10 | 20 |
| 211 | 02295557 | 7 | 0.3 | -- | 0.1 | -- |
| | Little Charlie Creek near Wauchula | 30 | .4 | -- | .1 | -- |
| 212 | 02296049 | 7 | .2 | -- | 0 | -- |
| | Charlie Creek near Avon Park | 30 | .4 | -- | 0 | -- |
| 213 | 02296180 | 7 | .1 | -- | 0 | -- |
| | Little Charley Bowlegs Creek near Crewsville | 30 | .2 | -- | 0 | -- |
| 214 | 02296201 | 1 | 0 | 0 | 0 | 0 |
| | Haw Branch near Sebring | 3 | 0 | 0 | 0 | 0 |
| | | 7 | 0 | 0 | 0 | 0 |
| | | 14 | 0 | 0 | 0 | 0 |
| | | 30 | 0 | 0 | 0 | 0 |
| | | 60 | 0 | 0 | 0 | 0 |
| | | 90 | 0 | 0 | 0 | 0 |
| | | 120 | 0 | 0 | 0 | 0 |
| 183 | 0 | 0 | 0 | 0 | | |
| 215 | 02296215 | 7 | .5 | -- | .5 | -- |
| | Tiger Branch near Sebring | 30 | .6 | -- | .5 | -- |
| 216 | 02296260 | 7 | 0 | -- | 0 | -- |
| | Charlie Creek near Crewsville | 30 | 0 | -- | 0 | -- |
| 217 | 02296389 | 1 | .4 | 0 | 0 | 0 |
| | Oak Creek near Gardner | 3 | .5 | 0 | 0 | 0 |
| | | 7 | .9 | 0 | 0 | 0 |
| | | 14 | 1.2 | 0 | 0 | 0 |
| | | 30 | 1.8 | .3 | 0 | 0 |
| | | 60 | 4.2 | 1.2 | .5 | 0 |
| | | 90 | 8.3 | 2.5 | 1.2 | .5 |
| | | 120 | 14.0 | 4.3 | 2.1 | 1.0 |
| 183 | 27.0 | 8.4 | 4.2 | 2.2 | | |
| 218 | 02296408 | 1 | 1.5 | .4 | .2 | .1 |
| | Charlie Creek near Zolfo Springs | 3 | 1.7 | .5 | .3 | .2 |
| | | 7 | 1.9 | .6 | .3 | .2 |
| | | 14 | 2.3 | .8 | .4 | .2 |
| | | 30 | 3.4 | 1.1 | .6 | .4 |
| | | 60 | 7.4 | 2.0 | 1.0 | .5 |
| | | 90 | 15.0 | 4.1 | 2.0 | 1.1 |
| | | 120 | 24.0 | 6.5 | 3.2 | 1.7 |
| 183 | 51.0 | 14.0 | 6.3 | 3.1 | | |

Footnotes are at end of table.

| Site ^{1/} | Station number and name | Period of consecu- tive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|--------------------|-------------------------------------|--|--|-----|-----|-----|
| | | | 2 | 5 | 10 | 20 |
| 219 | 02297000 | 7 | 0 | -- | 0 | -- |
| | Joshua Creek near Arcadia | 30 | 0 | -- | 0 | -- |
| 220 | 02297090 | 1 | .7 | .4 | .3 | .2 |
| | Hawthorne Creek near Nocatee | 3 | .8 | .4 | .3 | .2 |
| | | 7 | 1.0 | .4 | .3 | .2 |
| | | 14 | 1.2 | .5 | .4 | .3 |
| | | 30 | 1.4 | .8 | .6 | .5 |
| | | 60 | 2.2 | 1.2 | .9 | .7 |
| | | 90 | 3.4 | 1.7 | 1.2 | .9 |
| | | 120 | 4.6 | 2.2 | 1.5 | 1.1 |
| | | 183 | 7.4 | 3.3 | 1.9 | 1.5 |
| 221 | 02297147 | 7 | 0 | -- | 0 | -- |
| | Horse Creek near Fort Green Springs | 30 | 0 | -- | 0 | -- |
| 222 | 02297251 | 7 | 0 | -- | 0 | -- |
| | Horse Creek near Limestone | 30 | .1 | -- | 0 | -- |
| 223 | 02297266 | 7 | .2 | -- | 0 | -- |
| | Horse Creek near Pine Level | 30 | .5 | -- | 0 | -- |
| 224 | 02297444 | 7 | .2 | -- | 0 | -- |
| | Lee Branch near Cleveland | 30 | .2 | -- | .1 | -- |
| 225 | 02297757 | 7 | 0 | -- | 0 | -- |
| | Long Point Marsh near Arcadia | 30 | .2 | -- | 0 | -- |
| 226 | 02298245 | 7 | .1 | -- | 0 | -- |
| | Myrtle Slough near Cleveland | 30 | .1 | -- | 0 | -- |
| 227 | 02298285 | 1 | .2 | .1 | .1 | 0 |
| | Broad Creek near Punta Gorda | 3 | .2 | .1 | .1 | 0 |
| | | 7 | .3 | .1 | .1 | 0 |
| | | 14 | .4 | .2 | .1 | .1 |
| | | 30 | .4 | .3 | .2 | .2 |
| | | 60 | .6 | .4 | .3 | .2 |
| | | 90 | .9 | .5 | .4 | .3 |
| | | 120 | 1.2 | .6 | .4 | .3 |
| | | 183 | 1.7 | .9 | .6 | .4 |
| 228 | 02298458 | 7 | 0 | -- | 0 | -- |
| | Myakka River near Myakka Head | 30 | 0 | -- | 0 | -- |
| 229 | 02298523 | 7 | 0 | -- | 0 | -- |
| | Ogleby Creek near Myakka City | 30 | .1 | -- | 0 | -- |
| 230 | 02298970 | 1 | 0 | 0 | 0 | 0 |
| | Myakka River Tributary near Venice | 3 | 0 | 0 | 0 | 0 |

Footnotes are at end of table.

| Site ^{1/} | Station number and name | Period of consecu- tive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|--------------------|---|--|--|----|----|----|
| | | | 2 | 5 | 10 | 20 |
| 230 | 02298970 Myakka River Tributary near Venice | 7 | 0.1 | 0 | 0 | 0 |
| | | 14 | .1 | 0 | 0 | 0 |
| | | 30 | .2 | 0 | 0 | 0 |
| | | 60 | .4 | .1 | 0 | 0 |
| | | 90 | .7 | .1 | 0 | 0 |
| | | 120 | 1.6 | .4 | .2 | .1 |
| | | 183 | 4.3 | .9 | .4 | .2 |
| 231 | 02299188 Deer Prairie Creek near Warm Mineral Springs | 7 | .7 | -- | .7 | -- |
| | | 30 | .7 | -- | .7 | -- |
| 232 | 02299350 Cocoplum Waterway Tributary near Murdock | 7 | 0 | -- | 0 | -- |
| | | 30 | 0 | -- | 0 | -- |
| 233 | 02299410 Big Slough Canal near Myakka City | 1 | 0 | 0 | 0 | 0 |
| | | 3 | 0 | 0 | 0 | 0 |
| | | 7 | 0 | 0 | 0 | 0 |
| | | 14 | 0 | 0 | 0 | 0 |
| | | 30 | .1 | 0 | 0 | 0 |
| | | 60 | .3 | 0 | 0 | 0 |
| | | 90 | .8 | .1 | 0 | 0 |
| | | 120 | 2.0 | .3 | .1 | 0 |
| 234 | 02299420 Mud Lake Slough near Myakka City | 7 | .1 | -- | .1 | -- |
| | | 30 | .1 | -- | .1 | -- |
| 235 | 02299721 Cow Pen Slough near Venice | 7 | 0 | -- | 0 | -- |
| | | 30 | .1 | -- | 0 | -- |
| 236 | 02299724 Salt Creek Tributary near Venice | 7 | 0 | -- | 0 | -- |
| | | 30 | 0 | -- | 0 | -- |
| 237 | 02299728 Fox Creek near Laurel | 1 | 0 | 0 | 0 | 0 |
| | | 3 | 0 | 0 | 0 | 0 |
| | | 7 | 0 | 0 | 0 | 0 |
| | | 14 | 0 | 0 | 0 | 0 |
| | | 30 | 0 | 0 | 0 | 0 |
| | | 60 | .1 | 0 | 0 | 0 |
| | | 90 | .2 | 0 | 0 | 0 |
| | | 120 | .3 | .1 | 0 | 0 |
| 238 | 02299738 South Creek near Osprey | 183 | .5 | .2 | .1 | .1 |
| | | 1 | .4 | .1 | 0 | 0 |
| | | 3 | .4 | .1 | 0 | 0 |

Footnotes are at end of table.

| Site ^{1/} | Station number and name | Period of consecu- tive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|--------------------|--|--|--|-----|-----|-----|
| | | | 2 | 5 | 10 | 20 |
| 238 | 02299738 South Creek near Osprey | 7 | 0.6 | 0.1 | 0 | 0 |
| | | 14 | .6 | .2 | .1 | 0 |
| | | 30 | .8 | .3 | .2 | .1 |
| | | 60 | 1.1 | .5 | .3 | .2 |
| | | 90 | 1.8 | .7 | .4 | .3 |
| | | 120 | 3.1 | 1.1 | .7 | .4 |
| | | 183 | 5.6 | 1.9 | 1.1 | .6 |
| 239 | 02299795 Main-B Canal at Sarasota | 1 | 1.1 | .7 | .5 | .4 |
| | | 3 | 1.2 | .8 | .6 | .5 |
| | | 7 | 1.4 | .9 | .7 | .6 |
| | | 14 | 1.5 | 1.0 | .8 | .6 |
| | | 30 | 1.7 | 1.2 | .9 | .7 |
| | | 60 | 2.1 | 1.4 | 1.1 | .9 |
| | | 90 | 2.3 | 1.6 | 1.3 | 1.1 |
| | | 120 | 2.7 | 2.0 | 1.8 | 1.5 |
| 240 | 02299861 Walker Creek at Sarasota | 183 | 3.3 | 2.4 | 2.0 | 1.8 |
| | | 1 | .4 | .3 | .3 | .3 |
| | | 3 | .4 | .3 | .3 | .3 |
| | | 7 | .4 | .3 | .3 | .3 |
| | | 14 | .4 | .3 | .3 | .3 |
| | | 30 | .5 | .4 | .3 | .3 |
| | | 60 | .6 | .4 | .4 | .3 |
| | | 90 | .7 | .4 | .4 | .4 |
| | | 120 | .9 | .6 | .5 | .4 |
| | | 183 | 1.2 | .7 | .6 | .5 |
| 241 | 02299869 Bolees Creek at Oneco | 7 | .1 | -- | .1 | -- |
| | | 30 | .1 | -- | .1 | -- |
| 242 | 02299920 North Fork Manatee River near Myakka City | 7 | 0 | -- | 0 | -- |
| | | 30 | 0 | -- | 0 | -- |
| 243 | 02299935 East Fork Manatee River near Myakka City | 7 | .4 | -- | .1 | -- |
| | | 30 | .5 | -- | .2 | -- |
| 244 | 02300004 Gilley Creek near Rye | 7 | .5 | -- | .2 | -- |
| | | 30 | .7 | -- | .3 | -- |
| 245 | 02300018 Gamble Creek near Parrish | 7 | 2.0 | -- | 1.1 | -- |
| | | 30 | 2.4 | -- | 1.5 | -- |
| 246 | 02300029 Braden River at Lorraine | 7 | 0 | -- | 0 | -- |
| | | 30 | .2 | -- | 0 | -- |

Footnotes are at end of table.

| Site ^{1/} | Station number and name | Period of consecu- tive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|--------------------|--|--|--|------|------|------|
| | | | 2 | 5 | 10 | 20 |
| 247 | 02300078 | 7 | 0.8 | -- | 0.3 | -- |
| | Frog Creek near Terra Ceia | 30 | 1.1 | -- | .5 | -- |
| 248 | 02300120 | 7 | .6 | -- | .6 | -- |
| | Pierce Branch near Wimauma | 30 | .7 | -- | .6 | -- |
| 249 | 02300200 | 7 | 0 | -- | 0 | -- |
| | South Fork Little Manatee River near Duette | 30 | 0 | -- | 0 | -- |
| 250 | 02300300 | 1 | 2.0 | 1.1 | .7 | .5 |
| | South Fork Little Manatee River | 3 | 2.1 | 1.2 | .8 | .6 |
| | near Wimauma | 7 | 2.3 | 1.3 | .9 | .6 |
| | | 14 | 2.6 | 1.5 | 1.1 | .8 |
| | | 30 | 3.2 | 2.0 | 1.5 | 1.2 |
| | | 60 | 4.6 | 2.8 | 2.2 | 1.7 |
| | | 90 | 6.7 | 3.9 | 3.0 | 2.3 |
| | | 120 | 8.8 | 5.0 | 3.7 | 2.9 |
| | | 183 | 12.0 | 6.9 | 5.1 | 4.0 |
| 251 | 02300852 | 1 | 9.5 | 3.9 | 2.1 | 1.2 |
| | North Prong Alafia River at Mulberry | 3 | 9.8 | 4.1 | 2.2 | 1.2 |
| | | 7 | 10.0 | 4.6 | 2.6 | 1.5 |
| | | 14 | 12.0 | 5.4 | 3.3 | 2.0 |
| | | 30 | 13.0 | 7.0 | 4.8 | 3.4 |
| | | 60 | 16.0 | 9.2 | 6.6 | 5.0 |
| | | 90 | 19.0 | 12.0 | 9.3 | 7.5 |
| | | 120 | 23.0 | 15.0 | 12.0 | 9.9 |
| | | 183 | 29.0 | 19.0 | 16.0 | 13.0 |
| 252 | 02300907 | 7 | .2 | -- | 0 | -- |
| | Lake Drain near Mulberry | 30 | .3 | -- | 0 | -- |
| 253 | 02300930 | 7 | .1 | -- | 0 | -- |
| | Poley Creek near Mulberry | 30 | .5 | -- | 0 | -- |
| 254 | 02300978 | 1 | 1.3 | .5 | .2 | -- |
| | English Creek near Mulberry | 3 | 1.6 | .6 | .3 | .1 |
| | | 7 | 2.1 | .9 | .5 | .1 |
| | | 14 | 2.8 | 1.1 | .5 | .1 |
| | | 30 | 4.1 | 1.8 | .8 | .3 |
| | | 60 | 4.8 | 2.5 | 1.6 | 1.1 |
| | | 90 | 5.7 | 3.6 | 2.8 | 2.2 |
| | | 120 | 7.8 | 4.7 | 3.9 | 3.3 |
| | | 183 | 11.0 | 6.5 | 5.1 | 4.3 |

Footnotes are at end of table.

| Site ^{1/} | Station number and name | Period of consecu- tive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|--------------------|---|--|--|----|-----|----|
| | | | 2 | 5 | 10 | 20 |
| 255 | 02301070 | 7 | 0 | -- | 0 | -- |
| | South Prong Alafia River near Bradley Junction | 30 | 0 | -- | 0 | -- |
| 256 | 02301314 | 1 | .3 | .1 | .1 | .1 |
| | Mizelle Creek near Keysville | 3 | .4 | .2 | .1 | .1 |
| | | 7 | .4 | .2 | .1 | .1 |
| | | 14 | .4 | .2 | .1 | .1 |
| | | 30 | .6 | .3 | .2 | .1 |
| | | 60 | .8 | .4 | .3 | .2 |
| | | 90 | 1.0 | .5 | .4 | .3 |
| | | 120 | 1.3 | .7 | .5 | .3 |
| 183 | 1.8 | 1.0 | .7 | .6 | | |
| 257 | 02301328 | 7 | 36 | -- | 12 | -- |
| | Alafia River near Keysville | 30 | 48 | -- | 19 | -- |
| 258 | 02301376 | 7 | .9 | -- | .1 | -- |
| | Little Alafia River at Durant | 30 | 1.3 | -- | .3 | -- |
| 259 | 02301620 | 7 | .2 | -- | .2 | -- |
| | Fishhawk Creek near Boyette | 30 | .2 | -- | .2 | -- |
| 260 | 02301680 | 7 | .1 | -- | 0 | -- |
| | Bell Creek near Boyette | 30 | .3 | -- | 0 | -- |
| 261 | 02301787 | 7 | .3 | -- | .1 | -- |
| | Sixmile Creek Tributary #3 near Tampa | 30 | .5 | -- | .1 | -- |
| 262 | 02301794 | 7 | .3 | -- | .2 | -- |
| | Sixmile Creek Tributary #4 near Tampa | 30 | .5 | -- | .2 | -- |
| 263 | 02301798 | 7 | .1 | -- | .1 | -- |
| | Sixmile Creek Tributary #5 near Tampa | 30 | .1 | -- | .1 | -- |
| 264 | 02302260 | 7 | 3.4 | -- | .9 | -- |
| | Itchepakesassa Creek near Knights | 30 | 6.3 | -- | 1.5 | -- |
| 265 | 02303130 | 1 | 0 | 0 | 0 | 0 |
| | Busy Branch near Zephyrhills | 3 | 0 | 0 | 0 | 0 |
| | | 7 | 0 | 0 | 0 | 0 |
| | | 14 | 0 | 0 | 0 | 0 |
| | | 30 | 0 | 0 | 0 | 0 |
| | | 60 | .2 | 0 | 0 | 0 |
| | | 90 | .3 | 0 | 0 | 0 |

Footnotes are at end of table.

| Site ^{1/} | Station number and name | Period of consecutive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|--------------------|---|----------------------------|--|------|------|------|
| | | | 2 | 5 | 10 | 20 |
| 265 | 02303130 | 120 | 0.5 | 0 | 0 | 0 |
| | Busy Branch near Zephyrhills | 183 | .9 | .1 | 0 | 0 |
| 266 | 02303183 | 7 | 5.4 | -- | 3.8 | -- |
| | Mill Creek at Thonotosassa Road near Plant City | 30 | 7.7 | -- | 4.2 | -- |
| 267 | 02303188 | 7 | 5.5 | -- | 4.8 | -- |
| | Mill Creek at Forbes Road near Plant City | 30 | 6.6 | -- | 4.9 | -- |
| 268 | 02303200 Pemberton Creek near Dover | 1 | 3.2 | 1.5 | .8 | .3 |
| | | 3 | 3.3 | 1.6 | .9 | .4 |
| | | 7 | 3.5 | 1.7 | 1.0 | .5 |
| | | 14 | 3.8 | 2.0 | 1.2 | .6 |
| | | 30 | 4.4 | 2.4 | 1.6 | .8 |
| | | 60 | 5.5 | 3.0 | 2.0 | 1.3 |
| | | 90 | 6.7 | 3.8 | 2.6 | 1.8 |
| | | 120 | 8.3 | 4.6 | 3.2 | 2.3 |
| 269 | 02303254 Baker Creek Tributary Canal at U.S. Highway 92 near Seffner | 7 | 3.2 | -- | .7 | -- |
| | | 30 | 6.8 | -- | 1.2 | -- |
| 270 | 02303271 Baker Creek near Thonotosassa | 1 | 5.9 | 3.4 | 2.2 | .8 |
| | | 3 | 6.5 | 3.9 | 2.5 | 1.2 |
| | | 7 | 7.7 | 4.8 | 3.2 | 1.5 |
| | | 14 | 9.3 | 5.4 | 3.3 | 1.6 |
| | | 30 | 12.0 | 7.2 | 4.5 | 2.6 |
| | | 60 | 13.0 | 8.7 | 6.7 | 5.2 |
| | | 90 | 14.0 | 11.0 | 9.1 | 8.0 |
| | | 120 | 16.0 | 13.0 | 11.0 | 10.0 |
| 271 | 02303344 Trout Creek Tributary near Worthington Gardens | 7 | 0 | -- | 0 | -- |
| | | 30 | 0 | -- | 0 | -- |
| 272 | 02303358 Cypress Creek near Darby | 7 | 0 | -- | 0 | -- |
| | | 30 | 0 | -- | 0 | -- |
| 273 | 02303990 Cow House Creek near Temple Terrace | 1 | .2 | .1 | 0 | 0 |
| | | 3 | .3 | .1 | 0 | 0 |
| | | 7 | .4 | .2 | .1 | 0 |
| | | 14 | .6 | .2 | .1 | 0 |
| | | 30 | .9 | .4 | .1 | 0 |

Footnotes are at end of table.

| Site ^{1/} | Station number and name | Period of consecu- tive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|--------------------|--|--|--|-----|-----|-----|
| | | | 2 | 5 | 10 | 20 |
| 273 | 02303990 Cow House Creek near Temple Terrace | 60 | 1.1 | 0.5 | 0.3 | 0.2 |
| | | 90 | 1.3 | .8 | .6 | .4 |
| | | 120 | 1.7 | 1.0 | .8 | .7 |
| | | 183 | 2.7 | 1.5 | 1.2 | .9 |
| 274 | 02305800 Drainage ditch at Florida Avenue and Atlantic Boulevard near Sulphur Springs | 1 | 0 | 0 | 0 | 0 |
| | | 3 | 0 | 0 | 0 | 0 |
| | | 7 | 0 | 0 | 0 | 0 |
| | | 14 | 0 | 0 | 0 | 0 |
| | | 30 | 0 | 0 | 0 | 0 |
| | | 60 | 0 | 0 | 0 | 0 |
| | | 90 | 0 | 0 | 0 | 0 |
| | | 120 | 0 | 0 | 0 | 0 |
| 275 | 02306717 Rocky Creek near Lutz | 7 | 0 | -- | 0 | -- |
| | | 30 | 0 | -- | 0 | -- |
| 276 | 02306770 Rocky Creek at Citrus Park | 7 | .1 | -- | .1 | -- |
| | | 30 | .1 | -- | .1 | -- |
| 277 | 02306774 Rocky Creek at State Road 587, Citrus Park | 7 | 0 | -- | 0 | -- |
| | | 30 | 0 | -- | 0 | -- |
| 278 | 02306904 Brushy Creek near Sulphur Springs | 7 | .3 | -- | .1 | -- |
| | | 30 | .6 | -- | .1 | -- |
| 279 | 02306927 Brushy Creek Tributary near Citrus Park | 7 | 0 | -- | 0 | -- |
| | | 30 | 0 | -- | 0 | -- |
| 280 | 02306950 Brushy Creek near Citrus Park | 1 | 0 | 0 | 0 | 0 |
| | | 3 | 0 | 0 | 0 | 0 |
| | | 7 | 0 | 0 | 0 | 0 |
| | | 14 | 0 | 0 | 0 | 0 |
| | | 30 | 0 | 0 | 0 | 0 |
| | | 60 | 0 | 0 | 0 | 0 |
| | | 90 | 0 | 0 | 0 | 0 |
| | | 120 | 0 | 0 | 0 | 0 |
| 281 | 02307027 Double Branch Tributary Canal near Oldsmar | 7 | -- | -- | 0 | -- |
| | | 30 | -- | -- | 0 | -- |
| 282 | 02307181 Brooker Creek near Lutz | 7 | 0 | -- | 0 | -- |
| | | 30 | 0 | -- | 0 | -- |

Footnotes are at end of table.

| Site ^{1/} | Station number and name | Period of consecu- tive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|--------------------|---|--|--|-----|-----|-----|
| | | | 2 | 5 | 10 | 20 |
| 283 | 02307537 South Fork Bishop Creek near Oldsmar | 1 | 0 | 0 | 0 | 0 |
| | | 3 | 0 | 0 | 0 | 0 |
| | | 7 | 0 | 0 | 0 | 0 |
| | | 14 | 0 | 0 | 0 | 0 |
| | | 30 | 0 | 0 | 0 | 0 |
| | | 60 | 0 | 0 | 0 | 0 |
| | | 90 | 0 | 0 | 0 | 0 |
| | | 120 | 0 | 0 | 0 | 0 |
| | | 183 | .1 | 0 | 0 | 0 |
| 284 | 02307688 Alligator Creek Tributary at Safety Harbor | 7 | .1 | -- | 0 | -- |
| | | 30 | .1 | -- | .1 | -- |
| 285 | 02309258 Stevenson Creek at Clearwater | 1 | .8 | .5 | .3 | .2 |
| | | 3 | .8 | .5 | .4 | .2 |
| | | 7 | .9 | .6 | .4 | .3 |
| | | 14 | .9 | .6 | .4 | .3 |
| | | 30 | 1.1 | .7 | .4 | .3 |
| | | 60 | 1.3 | .9 | .8 | .7 |
| | | 90 | 1.5 | 1.1 | .9 | .8 |
| | | 120 | 1.7 | 1.2 | 1.0 | .9 |
| | | 183 | 2.3 | 1.6 | 1.3 | 1.2 |
| 286 | 02309421 Curlew Creek near Ozona | 1 | .5 | .3 | .2 | .2 |
| | | 3 | .5 | .3 | .2 | .2 |
| | | 7 | .5 | .4 | .3 | .2 |
| | | 14 | .6 | .4 | .3 | .2 |
| | | 30 | .7 | .4 | .3 | .2 |
| | | 60 | .8 | .6 | .5 | .4 |
| | | 90 | 1.0 | .7 | .5 | .4 |
| | | 120 | 1.2 | .8 | .6 | .5 |
| | | 183 | 1.6 | 1.1 | .9 | .8 |
| 287 | 02309648 Anclote River near Fivay Junction | 1 | 0 | 0 | 0 | 0 |
| | | 3 | 0 | 0 | 0 | 0 |
| | | 7 | 0 | 0 | 0 | 0 |
| | | 14 | 0 | 0 | 0 | 0 |
| | | 30 | 0 | 0 | 0 | 0 |
| | | 60 | 0 | 0 | 0 | 0 |
| | | 90 | 0 | 0 | 0 | 0 |
| | | 120 | .1 | 0 | 0 | 0 |
| | | 183 | 1.1 | .1 | 0 | 0 |

Footnotes are at end of table.

| Site ^{1/} | Station number and name | Period of consecu- tive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|--------------------|--------------------------------------|--|--|-----|----|----|
| | | | 2 | 5 | 10 | 20 |
| 288 | 02309900 | 7 | 0 | -- | 0 | -- |
| | South Branch Anclote River at Odessa | 30 | 0 | -- | 0 | -- |
| 289 | 02310150 | 1 | .2 | .2 | .2 | .2 |
| | Hollin Creek Tributary near | 3 | .2 | .2 | .2 | .2 |
| | Tarpon Springs | 7 | .2 | .2 | .2 | .2 |
| | | 14 | .2 | .2 | .2 | .2 |
| | | 30 | .3 | .2 | .2 | .2 |
| | | 60 | .3 | .3 | .3 | .2 |
| | | 90 | .3 | .3 | .3 | .2 |
| | | 120 | .4 | .3 | .3 | .2 |
| | | 183 | .7 | .4 | .3 | .3 |
| 290 | 02310224 | 7 | 0 | -- | 0 | -- |
| | Sparkman Lake outlet near | 30 | 0 | -- | 0 | -- |
| | Masaryktown | | | | | |
| 291 | 02310280 | 1 | .1 | 0 | 0 | 0 |
| | Pithlachascotee River near | 3 | .1 | 0 | 0 | 0 |
| | Fivay Junction | 7 | .1 | 0 | 0 | 0 |
| | | 14 | .1 | .1 | 0 | 0 |
| | | 30 | .2 | .1 | .1 | 0 |
| | | 60 | .3 | .1 | .1 | 0 |
| | | 90 | .6 | .2 | .1 | 0 |
| | | 120 | 1.0 | .4 | .2 | .1 |
| | | 183 | 2.1 | 1.0 | .6 | .4 |
| 292 | 02310285 | 1 | 0 | 0 | 0 | 0 |
| | Fivemile Creek near Fivay Junction | 3 | 0 | 0 | 0 | 0 |
| | | 7 | 0 | 0 | 0 | 0 |
| | | 14 | 0 | 0 | 0 | 0 |
| | | 30 | 0 | 0 | 0 | 0 |
| | | 60 | 0 | 0 | 0 | 0 |
| | | 90 | 0 | 0 | 0 | 0 |
| | | 120 | .1 | 0 | 0 | 0 |
| | | 183 | .3 | .1 | 0 | 0 |
| 293 | 02310787 | 7 | -- | -- | 0 | -- |
| | Withlacoochee River near Poyner | 30 | -- | -- | 0 | -- |
| 294 | 02310912 | 7 | -- | -- | 0 | -- |
| | Pony Creek near Poyner | 30 | -- | -- | 0 | -- |
| 295 | 02310931 | 7 | 0 | -- | 0 | -- |
| | Withlacoochee River near Rock Ridge | 30 | 0 | -- | 0 | -- |

Footnotes are at end of table.

| Site ^{1/} | Station number and name | Period of consecu- tive days | Lowest average flow, in cubic feet per second, for indicated recurrence interval, in years | | | |
|--------------------|--|--|--|----|----|----|
| | | | 2 | 5 | 10 | 20 |
| 296 | 02310944 | 7 | 0 | -- | 0 | -- |
| | Withlacoochee River at Cedar Ford near Cumpressco | 30 | 0 | -- | 0 | -- |
| 297 | 02310995 | 7 | 0 | -- | 0 | -- |
| | Gator Creek near Richland | 30 | 0 | -- | 0 | -- |
| 298 | 02311890 | 7 | 0 | -- | 0 | -- |
| | Gator Hole Slough near Lacoochee | 30 | -- | -- | 0 | -- |
| 299 | 02312145 | 7 | 0 | -- | 0 | -- |
| | Mill Creek near Carters Island | 30 | -- | -- | 0 | -- |
| 300 | 02312726 | 7 | -- | -- | 0 | -- |
| | Rutland Creek near Rutland | 30 | -- | -- | 0 | -- |
| 301 | 02313215 | 7 | .1 | -- | .1 | -- |
| | Turner Creek near Dunnellon | 30 | .1 | -- | .1 | -- |
| 302 | 02313220 | 7 | .1 | -- | 0 | -- |
| | Bell Branch near Dunnellon | 30 | .1 | -- | .1 | -- |
| 303 | 02313260 | 7 | 0 | -- | 0 | -- |
| | Withlacoochee River Tributary near Inglis | 30 | -- | -- | 0 | -- |
| 304 | 02313448 | 7 | -- | -- | 0 | -- |
| | Little Waccasassa River near Bronson | 30 | -- | -- | 0 | -- |
| 305 | 02313522 | 7 | -- | -- | 0 | -- |
| | Magee Branch near Bronson | 30 | -- | -- | 0 | -- |
| 306 | 02313614 | 7 | 59 | -- | 57 | -- |
| | Wekiva River at Coulter Bridge near Gulf Hammock | 30 | 61 | -- | 58 | -- |
| 307 | 02314098 | 7 | .3 | -- | .2 | -- |
| | Cow Creek near Gulf Hammock | 30 | .4 | -- | .3 | -- |
| 308 | 02314134 | 7 | 0 | -- | 0 | -- |
| | Sand Slough near Lebanon Station | 30 | 0 | -- | 0 | -- |
| 309 | 02314170 | 7 | 0 | -- | 0 | -- |
| | Tenmile Creek near Dunnellon | 30 | -- | -- | 0 | -- |

^{1/} From figures 5 and 6.

^{2/} No acceptable correlation could be found for site 203.

Discharge Measurements at Low-Flow Partial-Record and Miscellaneous
Discharge-Measurement Stations, 1980-81

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|--|--|--|
| 201 | Daisey Creek near Fort McCoy (02240105) Latitude: 29°18'54" Longitude: 81°58'23" In Marion County at State Highway 315, 2.4 miles northeast of Burbank, 3.4 miles south of Fort McCoy, and 3.5 miles upstream from mouth. | 11-07-80 4-23-81 6-05-81 10-08-81 | 0.15 0.00 0.00 ^{2/} 0.01 |
| 202 | Lochloosa Creek at Grove Park (02241900) Latitude: 29°36'00" Longitude: 82°08'42" In Alachua County near right bank on down- stream side of bridge on State Highway 20, 1.0 mile east of Grove Park, and 3.6 miles west of Hawthorne. | 11-07-80 4-23-81 6-05-81 10-08-81 | 0.00 0.01 0.00 0.00 |
| 203 | North Prong Alligator Creek near Punta Gorda (02293390) Latitude: 26°53'41" Longitude: 81°58'31" In Charlotte County at bridge on county road, 0.8 mile above mouth, and 4.4 miles southeast of Punta Gorda. | 4-22-80 5-20-80 10-21-80 6-02-81 | 1.64 0.88 3.28 0.67 |
| 204 | Lake Garfield outlet near Alturas (02294114) Latitude: 27°54'58" Longitude: 81°43'56" In Polk County at culvert on State Highway 60, 3.3 miles north of Alturas. | 4-23-80 6-19-80 10-28-80 6-02-81 | 0.01 0.56 0.00 0.00 |
| 205 | Lake Parker Tributary near Lakeland (02294230) Latitude: 28°05'40" Longitude: 81°57'10" In Polk County at culvert on State Highway 33, 3.5 miles north of Lakeland. | 4-21-80 6-06-80 10-28-80 4-21-81 6-01-81 10-20-81 | 0.12 0.11 0.02 0.00 0.02 0.06 |
| 206 | Lake Parker Tributary #2 near Lakeland (02294238) Latitude: 28°04'53" Longitude: 81°57'12" In Polk County at culvert on State Highway 33, 2.6 miles north of Lakeland. | 4-21-80 6-06-80 10-28-80 4-21-81 6-01-81 10-20-81 | 1.36 1.07 0.48 0.38 2.41 0.69 |
| 207 | Bowlegs Creek near Fort Meade (02295013) Latitude: 27°41'57" Longitude: 81°41'40" In Polk County on left bank, 330 feet up- stream from culverts on county road, 2.1 miles downstream from Boggy Branch, and 7.6 miles southeast of Fort Meade. | 4-21-80 6-19-80 10-29-80 4-21-81 6-02-81 10-20-81 | 5.55 1.72 1.71 1.10 0.69 1.90 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|--|--|--|
| 208 | Bowlegs Creek at Pisgah Road near Fort Meade (02295067) Latitude: 27°43'15" Longitude: 81°47'20" In Polk County at culvert on county road, 2.2 miles southeast of Fort Meade. | 4-21-80 6-19-80 10-29-80 4-21-81 6-02-81 10-20-81 | 11.20 9.06 9.66 12.00 0.24 3.92 |
| 209 | Payne Creek near Fort Green Springs (02295356) Latitude: 27°36'38" Longitude: 81°52'17" In Hardee County at bridge on county road, 4.6 miles east of Fort Green Springs. | 4-21-80 6-11-80 10-29-80 4-21-81 6-01-81 10-19-81 | 63.60 13.20 19.60 17.80 17.50 10.00 |
| 210 | Hog Branch near Wauchula (02295435) Latitude: 27°35'32" Longitude: 81°49'20" In Hardee County at culvert on U.S. Highway 17, 1.7 miles above mouth and 3.1 miles north of Wauchula. | 4-21-80 6-11-80 10-29-80 6-01-81 | 0.22 0.02 0.03 <u>2/</u> 0.01 |
| 211 | Little Charlie Creek near Wauchula (02295557) Latitude: 27°35'15" Longitude: 81°46'17" In Hardee County at bridge on county road, 3.7 miles northeast of Wauchula. | 4-21-80 6-11-80 10-29-80 4-21-81 6-02-81 10-20-81 | 2.53 0.47 0.36 0.27 0.16 0.93 |
| 212 | Charlie Creek near Avon Park (02296049) Latitude: 27°33'53" Longitude: 81°38'17" In Hardee County at bridge on State Highway 64, 8.5 miles west of Avon Park. | 4-22-80 6-11-80 10-29-80 4-22-81 6-02-81 10-20-81 | 14.70 0.00 0.00 0.00 0.00 0.01 |
| 213 | Little Charley Bowlegs Creek near Crewsville (02296180) Latitude: 27°25'48" Longitude: 81°33'04" In Highlands County near center of span on downstream side of county bridge, 2.1 miles east of Crewsville and 2.3 miles upstream from Highlands Hammock State Park south fence line. | 4-22-80 6-11-80 10-30-80 4-22-81 6-02-81 10-19-81 | 4.86 0.00 0.15 0.00 0.00 0.31 |
| 214 | Haw Branch near Sebring (02296201) Latitude: 27°27'49" Longitude: 81°31'54" In Highlands County at culvert on South Fence Line Road in Highlands Hammock State Park, 6.0 miles west of Sebring. | 4-22-80 6-11-80 10-30-80 6-02-81 | 0.52 0.00 0.28 0.00 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|--|----------|-----------------------------------|
| 215 | Tiger Branch near Sebring (02296215) | 4-22-80 | 0.96 |
| | Latitude: 27°28'36" Longitude: 81°31'53" | 6-11-80 | 0.57 |
| | In Highlands County at culvert on Office Road | 10-30-80 | 1.47 |
| | in Highlands Hammock State Park, 5.7 miles west of Sebring. | 6-02-81 | 0.32 |
| 216 | Charlie Creek near Crewsville (02296260) | 4-22-80 | 113.00 |
| | Latitude: 27°27'33" Longitude: 81°40'43" | 6-11-80 | 1.59 |
| | In Hardee county, center of bridge on State Highway 66, 6.9 miles east of Zolfo Springs, | 10-30-80 | 1.61 |
| | 7.1 miles west of Crewsville, and 14.5 miles upstream from mouth. | 4-22-81 | 0.06 |
| | | 6-02-81 | 0.08 |
| | | 10-19-81 | 3.65 |
| 217 | Oak Creek near Gardner (02296389) | 4-23-80 | 5.29 |
| | Latitude: 27°24'42" Longitude: 81°41'44" | 6-10-80 | 0.41 |
| | In Hardee County at bridge on county road, | 10-30-80 | 3.50 |
| | 7.8 miles northeast of Gardner. | 4-22-81 | 0.26 |
| | | 6-03-81 | 1.68 |
| | | 10-19-81 | 2.36 |
| 218 | Charlie Creek near Zolfo Springs (02296408) | 4-23-80 | 122.00 |
| | Latitude: 27°24'33" Longitude: 81°44'46" | 6-10-80 | 5.56 |
| | In Hardee County at bridge on State Highway 634, 6.0 miles southeast of Zolfo Springs. | 10-30-80 | 5.32 |
| | | 6-03-81 | 3.11 |
| 219 | Joshua Creek near Arcadia (02297000) | 4-23-80 | 6.89 |
| | Latitude: 27°10'41" Longitude: 81°49'41" | 5-21-80 | 0.35 |
| | In De Soto County at bridge on State Highway 31, 3.2 miles southeast of Arcadia | 10-22-80 | 1.18 |
| | | 4-21-81 | 0.06 |
| | | 10-14-81 | 4.75 |
| 220 | Hawthorne Creek near Nocatee (02297090) | 4-23-80 | 1.78 |
| | Latitude: 27°09'27" Longitude: 81°51'43" | 5-21-80 | 0.88 |
| | In De Soto County at bridge on State Highway 760, 1.4 miles east of Nocatee. | 10-22-80 | 1.13 |
| | | 4-21-81 | 0.82 |
| | | 10-14-81 | 4.71 |
| 221 | Horse Creek near Fort Green Springs (02297147) | 4-21-80 | 7.87 |
| | Latitude: 27°35'41" Longitude: 82°01'49" | 10-29-80 | 0.85 |
| | In Hardee County at bridge on State Highway 62, 5.2 miles west of Fort Green Springs. | 4-21-81 | 0.00 |
| | | 6-01-81 | 0.00 |
| | | 10-19-81 | 0.00 |
| 222 | Horse Creek near Limestone (02297251) | 4-23-80 | 43.80 |
| | Latitude: 27°21'58" Longitude: 81°58'25" | 6-10-80 | 6.14 |
| | In Hardee County at bridge on State Highway 665, 4.5 miles west of Limestone. | 10-30-80 | 1.65 |
| | | 4-22-81 | 0.14 |
| | | 6-03-81 | 6.56 |
| | | 10-19-81 | 8.67 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|---|----------|-----------------------------------|
| 223 | Horse Creek near Pine Level (02297266) | 4-23-80 | 22.90 |
| | Latitude: 27°15'18" Longitude: 81°58'05" | 5-21-80 | 10.40 |
| | In De Soto County at bridge on State Highway | 10-22-80 | 4.57 |
| | 70, 1.6 miles southeast of Pine Level. | 4-22-81 | 0.28 |
| | | 10-15-81 | 20.10 |
| 224 | Lee Branch near Cleveland (02297444) | 4-22-80 | 0.21 |
| | Latitude: 27°01'20" Longitude: 81°57'32" | 5-20-80 | 0.42 |
| | In Charlotte County at culvert on U.S. | 10-21-80 | 0.73 |
| | Highway 17, 4.8 miles northeast of Cleveland. | 4-21-81 | 0.14 |
| | | 6-02-81 | 0.52 |
| | | 10-14-81 | 0.27 |
| 225 | Long Point Marsh near Arcadia (02297757) | 4-23-80 | 1.02 |
| | Latitude: 27°12'32" Longitude: 81°37'52" | 5-21-80 | 2.27 |
| | In De Soto County at culvert on State | 10-22-80 | 4.33 |
| | Highway 70, 14.0 miles east of Arcadia. | 4-22-81 | 0.68 |
| | | 10-14-81 | 0.47 |
| 226 | Myrtle Slough near Cleveland (02298245) | 4-22-80 | 0.36 |
| | Latitude: 26°56'48" Longitude: 81°56'03" | 5-20-80 | 0.18 |
| | In Charlotte County at bridge on State | 10-21-80 | 0.34 |
| | Highway 74, 6.6 miles east of Punta Gorda. | 4-21-81 | 0.08 |
| | | 6-02-81 | 0.12 |
| | | 10-14-81 | 2.24 |
| 227 | Broad Creek near Punta Gorda (02298285) | 4-22-80 | 1.67 |
| | Latitude: 26°55'34" Longitude: 82°00'52" | 5-20-80 | 0.34 |
| | In Charlotte County at bridge on county road, | 10-21-80 | 4.30 |
| | 2.3 miles east of Punta Gorda. | 4-21-81 | 0.36 |
| | | 6-02-81 | 0.39 |
| | | 10-14-81 | 0.84 |
| 228 | Myakka River near Myakka Head (02298458) | 4-21-80 | 0.21 |
| | Latitude: 27°27'35" Longitude: 82°06'40" | 6-05-80 | 0.00 |
| | In Manatee County at bridge on State Highway | 10-27-80 | 0.00 |
| | 64, 2.2 miles west of Myakka Head and 8.2 | 4-20-81 | 0.00 |
| | miles northeast of Myakka City. | 6-01-81 | 0.00 |
| | | 10-15-81 | 0.41 |
| 229 | Ogleby Creek near Myakka City (02298523) | 4-24-80 | 0.19 |
| | Latitude: 27°22'47" Longitude: 81°14'08" | 5-21-80 | 0.00 |
| | In Manatee County at culvert on State Highway | 10-22-80 | 0.81 |
| | 70, 4.8 miles northwest of Myakka City. | 4-22-81 | 0.00 |
| | | 6-02-81 | 0.00 |
| | | 10-15-81 | 0.59 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|---|---|--|
| 230 | Myakka River Tributary near Venice (02298970) Latitude: 27°05'28" Longitude: 82°20'19" In Sarasota County at culvert on county road, 6.5 miles east of Venice. | 4-22-80 5-20-80 10-21-80 4-20-81 6-01-81 10-13-81 | 0.57 0.53 3.30 0.33 0.12 1.62 |
| 231 | Deer Prairie Creek near Warm Mineral Springs (02299188) Latitude: 27°05'55" Longitude: 82°16'18" In Sarasota County at Interstate Highway 75, 2.3 miles north of Warm Mineral Springs and 3.5 miles upstream from mouth. | 10-23-80 4-20-81 6-01-81 10-13-81 | 2.97 0.09 0.03 10.70 |
| 232 | Cocoplum Waterway Tributary near Murdock (02299350) Latitude: 27°05'49" Longitude: 82°10'56" In Sarasota County at Interstate Highway 75, 5.5 miles northeast of North Port Charlotte, 5.1 miles upstream from mouth, and 6.2 miles northeast of Murdock. | 10-23-80 4-20-81 6-01-81 10-13-81 | 0.79 0.18 0.18 3.63 |
| 233 | Big Slough Canal near Myakka City (02299410) Latitude: 27°11'35" Longitude: 82°08'40" In Sarasota County at bridge on State Highway 72, 0.6 mile upstream from Mud Lake Slough and 11 miles south of Myakka City. | 4-24-80 5-21-80 10-22-80 4-21-81 10-15-81 | 0.73 0.09 0.64 0.04 8.99 |
| 234 | Mud Lake Slough near Myakka City (02299420) Latitude: 27°11'34" Longitude: 82°09'22" In Sarasota County at State Highway 72, 0.5 mile upstream from mouth and 11 miles south of Myakka City. | 4-24-80 5-21-80 10-22-80 4-21-81 10-15-81 | 0.64 0.00 0.15 0.00 7.16 |
| 235 | Cow Pen Slough near Venice (02299721) Latitude: 27°09'32" Longitude: 82°24'04" In Sarasota County at county road, 1.2 miles upstream from mouth and 3.8 miles northeast of Laurel. | 4-21-80 5-19-80 10-20-80 4-20-81 6-01-81 10-13-81 | 0.16 0.10 1.27 0.09 0.06 0.13 |
| 236 | Salt Creek Tributary near Venice (02299724) Latitude: 27°09'33" Longitude: 82°24'48" In Sarasota County at county road, 0.9 mile upstream from mouth and 3.2 miles northeast of Laurel. | 4-21-80 5-08-80 5-19-80 10-20-80 4-20-81 6-01-81 10-13-81 | 0.05 0.01 0.01 0.16 0.01 0.00 0.05 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|--|--|--|
| 237 | Fox Creek near Laurel (02299728) Latitude: 27°09'54" Longitude: 82°25'43" In Sarasota County 0.6 mile above bridge on private road, 2.5 miles northeast of Laurel. | 4-21-80 5-19-80 10-20-80 6-01-81 | 1.75 1.58 0.18 0.00 |
| 238 | South Creek near Osprey (02299738) Latitude: 27°10'32" Longitude: 82°27'30" In Sarasota County at Seaboard Coast Line Railroad bridge, 2.4 miles southeast of Osprey. | 5-08-80 5-19-80 10-21-80 6-01-81 | 1.61 1.10 1.58 1.05 |
| 239 | Main-B Canal at Sarasota (02299795) Latitude: 27°20'14" Longitude: 82°29'50" In Sarasota County at bridge on State Highway 780 (Fruitville Road) in Sarasota. | 4-25-80 10-24-80 | 3.80 4.81 |
| 240 | Walker Creek at Sarasota (02299861) Latitude: 27°22'03" Longitude: 82°32'40" In Sarasota County at bridge on 38th Street about 1.1 miles east of Tamiami Trail, Sarasota. | 4-24-80 10-24-80 4-22-81 6-02-81 10-15-81 | 1.85 1.90 0.66 0.90 1.79 |
| 241 | Bolees Creek at Oneco (02299869) Latitude: 27°27'03" Longitude: 82°32'40" In Manatee County at bridge on 51st Avenue East, about 0.2 mile east of the intersec- tion of U.S. Highway 301 and State Highway 70, Oneco. | 4-24-80 10-24-80 4-22-81 6-02-81 10-15-81 | 0.40 0.36 0.04 0.03 0.17 |
| 242 | North Fork Manatee River near Myakka City (02299920) Latitude: 27°31'50" Longitude: 82°10'19" In Manatee County at bridge on private road, 12.7 miles north of Myakka City. | 4-22-80 6-05-80 10-29-80 4-21-81 6-03-81 10-16-81 | 1.78 0.00 0.34 0.02 6.18 2.40 |
| 243 | East Fork Manatee River near Myakka City (02299935) Latitude: 27°32'19" Longitude: 82°06'14" In Manatee County at bridge on State Highway 39, 13.6 miles north of Myakka City. | 4-23-80 6-05-80 10-27-80 4-20-81 6-01-81 10-15-81 | 5.77 2.61 1.96 2.89 2.14 4.21 |
| 244 | Gilley Creek near Rye (02300004) Latitude: 27°30'41" Longitude: 82°17'15" In Manatee County at bridge on private road, 2.1 miles east of State Highway 675 and 4.8 miles east of Rye. | 4-22-80 6-04-80 10-27-80 4-20-81 6-01-81 10-15-81 | 1.18 0.55 0.49 0.18 0.22 0.99 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|---|--|--|
| 245 | Gamble Creek near Parrish (02300018) Latitude: 27°33'11" Longitude: 82°23'24" In Manatee County at bridge on Rye Road, 3.3 miles southeast of Parrish. | 4-22-80 6-04-80 10-28-80 4-20-81 6-01-81 10-16-81 | 10.50 4.12 10.40 8.15 6.63 9.86 |
| 246 | Braden River at Lorraine (02300029) Latitude: 27°25'04" Longitude: 82°23'58" In Manatee County on private road, 1.0 mile south of Lorraine and 16.1 miles upstream from mouth. | 4-24-80 10-24-80 4-22-81 6-02-81 10-15-81 | 1.24 1.88 0.00 0.00 0.62 |
| 247 | Frog Creek near Terra Ceia (02300078) Latitude: 27°34'50" Longitude: 82°31'39" In Manatee County at bridge on State Highway 683, 3.3 miles east of Terra Ceia. | 4-22-80 6-04-80 10-28-80 4-21-81 6-02-81 10-16-81 | 5.33 3.37 5.03 5.29 2.06 6.11 |
| 248 | Pierce Branch near Wimauma (02300120) Latitude: 27°42'17" Longitude: 82°13'48" In Hillsborough County near right bank on downstream side of bridge on State Highway 674, 0.9 mile upstream from mouth and 4.4 miles east of Wimauma. | 6-20-80 10-30-80 4-22-81 6-03-81 10-19-81 | 1.08 1.80 0.67 0.76 3.13 |
| 249 | South Fork Little Manatee River near Duette (02300200) Latitude: 27°35'25" Longitude: 82°10'57" In Manatee County at bridge on county road, 0.5 mile above Graveyard Creek, 3.7 miles west of Duette, and 10.8 miles southeast of Willow. | 4-23-80 6-05-80 10-29-80 6-02-81 10-16-81 | 1.01 0.61 0.30 15.06 1.46 |
| 250 | South Fork Little Manatee River near Wimauma (02300300) Latitude: 27°38'57" Longitude: 82°17'40" In Hillsborough County at bridge on State Highway 579, 4.3 miles south of Wimauma. | 4-23-80 6-05-80 10-29-80 4-22-81 10-19-81 | 13.90 11.90 6.07 5.37 11.40 |
| 251 | North Prong Alafia River at Mulberry (02300852) Latitude: 27°53'21" Longitude: 81°58'25" In Polk County at bridge on State Highway 37, 0.4 mile south of Mulberry. | 4-21-80 6-13-80 11-04-80 4-20-81 6-01-81 10-19-81 | 25.00 38.70 27.90 6.41 7.47 13.40 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|--|----------|-----------------------------------|
| 252 | Lake Drain near Mulberry (02300907) | 4-21-80 | 0.55 |
| | Latitude: 27°57'30" Longitude: 81°58'24" | 6-13-80 | 1.61 |
| | In Polk County at culvert on county road, | 11-05-80 | 0.83 |
| | 0.6 mile south of Medulla and 4.4 miles | 4-20-81 | 0.20 |
| | north of Mulberry. | 6-01-81 | 0.05 |
| | | 10-19-81 | 0.50 |
| 253 | Poley Creek near Mulberry (02300930) | 4-22-80 | 3.36 |
| | Latitude: 27°55'23" Longitude: 82°01'50" | 6-13-80 | 6.81 |
| | In Polk County at bridge on State Highway 60, | 11-05-80 | 2.20 |
| | 4.0 miles northwest of Mulberry. | 4-20-81 | 0.24 |
| | | 6-01-81 | 0.04 |
| | | 10-19-81 | 1.49 |
| 254 | English Creek near Mulberry (02300978) | 4-22-80 | 5.00 |
| | Latitude: 27°55'36" Longitude: 82°03'56" | 6-13-80 | 8.60 |
| | In Polk County at bridge on State Highway 60, | 11-05-80 | 3.29 |
| | 5.8 miles northeast of Mulberry. | 4-20-81 | 0.61 |
| | | 6-01-81 | 0.00 |
| | | 10-19-81 | 4.17 |
| 255 | South Prong Alafia River near Bradley Junction (02301070) | 4-21-80 | 15.80 |
| | Latitude: 27°46'01" Longitude: 81°59'29" | 6-13-80 | 3.07 |
| | In Polk County at bridge on State Highway 37, | 11-04-80 | 3.01 |
| | 2.0 miles south of Bradley Junction. | 4-20-81 | 0.00 |
| | | 6-01-81 | 0.00 |
| | | 10-19-81 | 3.96 |
| 256 | Mizelle Creek near Keyesville (02301314) | 4-21-80 | 1.74 |
| | Latitude: 27°50'14" Longitude: 82°05'17" | 6-03-80 | 2.44 |
| | In Hillsborough County on right bank, 10 feet | 10-30-80 | 3.22 |
| | downstream from bridge on county road, 1.7 | 4-22-81 | 0.16 |
| | miles upstream from mouth, 2.0 miles south | 6-04-81 | 0.07 |
| | of Keyesville, and 3.6 miles southeast of | 10-19-81 | 1.05 |
| | Pinecrest. | | |
| 257 | Alafia River near Keyesville (02301328) | 4-21-80 | 210.00 |
| | Latitude: 27°51'58" Longitude: 82°08'38" | 4-23-81 | 37.00 |
| | In Hillsborough County at bridge on State | 6-04-81 | 63.10 |
| | Highway 39, 3.0 miles west of Keyesville. | 10-20-81 | 95.17 |
| 258 | Little Alafia River at Durant (02301376) | 4-21-80 | 5.70 |
| | Latitude: 27°53'54" Longitude: 82°11'13" | 6-03-80 | 7.21 |
| | In Hillsborough County, 0.7 mile south of | 11-03-80 | 3.49 |
| | Durant, 50 feet from abutment on downstream | 4-23-81 | 0.74 |
| | side of railroad bridge, and 150 feet up- | 6-04-81 | 0.69 |
| | stream from small left bank tributary. | 10-20-81 | 1.03 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|---|---|--|
| 259 | Fishhawk Creek near Boyette (02301620) Latitude: 27°49'22" Longitude: 82°12'13" In Hillsborough County at bridge on county road, 1.2 miles east of Boyette. | 4-21-80 6-03-80 11-03-80 4-23-81 6-04-81 10-20-81 | 2.80 3.41 1.14 0.00 0.00 4.24 |
| 260 | Bell Creek near Boyette (02301680) Latitude: 27°51'12" Longitude: 82°16'27" In Hillsborough County at bridge on county road, 1.0 mile above mouth and 4.0 miles northwest of Boyette. | 4-21-80 6-03-80 11-03-80 4-23-81 6-04-81 10-14-81 | 2.58 1.75 0.43 0.16 0.02 1.40 |
| 261 | Sixmile Creek Tributary #3 near Tampa (02301787) Latitude: 27°58'42" Longitude: 82°20'07" In Hillsborough County at bridge on Faulkenberg Road, 7.8 miles east of Tampa and 1.25 miles south of U.S. Highway 92. | 4-22-80 6-09-80 11-12-80 4-21-81 6-04-81 10-20-81 | 0.76 0.35 0.03 <u>2/</u> 0.06 0.00 0.98 |
| 262 | Sixmile Creek Tributary #4 near Tampa (02301794) Latitude: 27°58'52" Longitude: 82°22'10" In Hillsborough County at culvert on Buffalo Avenue, 0.25 mile east of Orient Road and 5.9 miles east of Tampa. | 4-24-80 6-09-80 11-12-80 4-21-81 6-05-81 10-22-81 | 1.07 0.29 0.02 0.08 0.20 0.00 |
| 263 | Sixmile Creek Tributary #5 near Tampa (02301798) Latitude: 27°58'01" Longitude: 82°22'17" In Hillsborough County at culvert on 76th Street, 0.15 mile north of State Highway 574 and 5.5 miles east of Tampa. | 4-24-80 6-09-80 11-12-80 4-21-81 10-22-81 | 0.24 0.01 0.00 0.00 0.18 |
| 264 | Itchepackesassa Creek near Knights (02302260) Latitude: 28°04'49" Longitude: 82°04'24" In Hillsborough County at left bank on State Highway 582, 3.9 miles east of Knights and 6.0 miles upstream from mouth. | 4-21-80 6-06-80 10-31-80 4-21-81 10-20-81 | 6.85 3.80 6.28 0.63 2.78 |
| 265 | Busy Branch near Zephyrhills (02303130) Latitude: 28°08'48" Longitude: 82°16'48" In Pasco County at bridge on Morris Bridge Road, 8.6 miles southwest of Zephyrhills. | 4-11-80 4-23-80 6-06-80 10-31-80 4-22-81 6-04-81 10-14-81 | 4.21 1.56 0.00 0.00 0.00 0.00 0.06 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|--|---|---|
| 266 | Mill Creek at Thonotosassa Road near Plant City (02303183) Latitude: 28°02'08" Longitude: 82°09'51" In Hillsborough County near center of span on downstream side of log foot bridge, 200 feet below bridge on Thonotosassa Road, 1 mile northwest of Interstate Highway 4 and State Highway 600 interchange, and 2.7 miles north- west of Plant City. | 4-22-80 6-09-80 11-06-80 4-21-81 6-05-81 10-20-81 | 9.51 4.10 4.61 8.05 4.09 5.58 |
| 267 | Mill Creek at Forbes Road near Plant City (02303188) Latitude: 28°01'50" Longitude: 82°11'14" In Hillsborough County near center of span on downstream side of bridge on Forbes Road, 0.3 mile north of Interstate Highway 4 inter- change, 0.2 mile upstream from confluence with Spartman Branch, and 3.9 miles east of Plant City. | 4-15-80 4-22-80 6-09-80 11-06-80 4-21-81 6-05-81 10-20-81 | 14.20 8.95 3.82 4.47 6.91 3.86 4.99 |
| 268 | Pemberton Creek near Dover (02303200) Latitude: 28°01'34" Longitude: 82°14'12" In Hillsborough County on county highway bridge, 1.8 miles upstream from Baker Creek, 2.5 miles northwest of Dover, and 7.1 miles upstream from mouth. | 4-22-80 6-09-80 11-06-80 6-05-81 | 13.02 4.92 3.98 3.40 |
| 269 | Baker Creek Tributary Canal at U.S. Highway 92 near Seffner (02303254) Latitude: 28°00'47" Longitude: 82°15'25" In Hillsborough County near center of span on downstream side of bridge on U.S. Highway 92, 1.4 miles upstream from Baker Creek and 2.4 miles northeast of Seffner. | 4-22-80 6-09-80 11-12-80 4-21-81 6-04-81 10-20-81 | 7.20 2.32 0.00 0.00 0.00 9.17 |
| 270 | Baker Creek near Thonotosassa (02303271) Latitude: 28°02'52" Longitude: 82°16'04" In Hillsborough County near center span on downstream side of bridge on State Highway 580, 0.3 mile upstream from Lake Thonotosassa, 1.6 miles southeast of Thonotosassa, and 4.4 miles upstream from Hillsborough River. | 4-22-80 6-09-80 11-06-80 | 22.50 7.92 3.96 |
| 271 | Trout Creek Tributary near Worthington Gardens (02303344) Latitude: 28°12'54" Longitude: 82°23'24" In Pasco County on left downstream wing wall of box culverts on State Highway 54, 1.9 miles northeast of Worthington Gardens. | 4-23-80 6-05-80 10-29-80 4-22-81 6-04-81 10-14-81 | 0.00 0.00 0.00 0.00 0.00 0.00 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|--|--|---|
| 272 | Cypress Creek near Darby (02303358) Latitude: 28°22'32" Longitude: 82°19'47" In Pasco County at bridge on State Highway 578, 2.0 miles northeast of Darby, 2.6 miles above Bee Tree Branch, and 4.3 miles north- west of San Antonio. | 4-25-80 6-03-80 10-29-80 6-03-81 | 0.38 0.81 0.01 0.00 |
| 273 | Cow House Creek near Temple Terrace (02303990) Latitude: 28°03'30" Longitude: 82°21'10" In Hillsborough County near left bank at bridge on Morris Bridge Road, 1 mile upstream from mouth and 2.7 miles northeast of Temple Terrace. | 4-11-80 4-24-80 6-06-80 10-31-80 6-04-81 | 3.72 1.25 0.00 0.00 0.00 |
| 274 | Drainage ditch at Florida Avenue and Atlantic Boulevard near Sulphur Springs (02305800) Latitude: 28°03'55" Longitude: 82°27'34" In Hillsborough County at upstream headwall of culvert at Florida Avenue and Atlantic Boulevard (131st Street), 3 miles north of Sulphur Springs. | 4-23-80 6-06-80 10-29-80 4-22-81 10-14-81 | 0.68 0.31 0.06 0.00 0.12 |
| 275 | Rocky Creek near Lutz (02306717) Latitude: 28°09'25" Longitude: 82°30'26" In Hillsborough County at culvert on Lutz- Lake Fern Road, 3.4 miles west of Lutz. | 4-22-80 6-05-80 10-29-80 4-23-81 6-03-81 10-16-81 | 3.33 0.01 0.10 0.00 0.00 0.08 |
| 276 | Rocky Creek at Citrus Park (02306770) Latitude: 28°04'42" Longitude: 82°33'55" In Hillsborough County at bridge on Ehrlich Road, 0.3 mile east of Seaboard Coast Line Railroad and 0.5 mile east of Citrus Park. | 4-23-80 6-05-80 10-28-80 4-23-81 6-04-81 | 18.60 0.45 0.00 0.00 0.00 |
| 277 | Rocky Creek at State Highway 587, Citrus Park (02306774) Latitude: 28°03'55" Longitude: 82°33'57" In Hillsborough County at bridge on State Highway 587, 0.9 mile south of Citrus Park. | 4-23-80 6-05-80 10-28-80 4-23-81 6-04-81 10-15-81 | 19.00 0.80 0.31 0.24 0.16 2.43 |
| 278 | Brushy Creek near Sulphur Springs (02306904) Latitude: 28°05'04" Longitude: 82°31'00" In Hillsborough County at bridge on Ehrlich Road, 2.4 miles west of Lake Magdalene and 5.7 miles northwest of Sulphur Springs. | 4-22-80 6-05-80 10-31-80 4-23-81 10-16-81 | 1.85 0.21 0.32 0.09 0.46 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|---|--|--|
| 279 | Brushy Creek Tributary near Citrus Park (02306927) Latitude: 28°04'53" Longitude: 82°32'43" In Hillsborough County at bridge on Ehrlich Road, 1.5 miles east of Seaboard Coast Line Railroad and 1.7 miles east of Citrus Park. | 4-22-80 6-05-80 10-28-80 4-23-81 6-04-81 10-16-81 | 0.19 0.00 0.00 0.00 0.00 0.00 |
| 280 | Brushy Creek near Citrus Park (02306950) Latitude: 28°03'53" Longitude: 82°33'20" In Hillsborough County at bridge on State Highway 587, 1.6 miles east of State Highway 589 and 1.3 miles southeast of Citrus Park. | 4-23-80 6-05-80 10-28-80 4-23-81 6-04-81 10-15-81 | 3.24 1.59 2.62 0.44 4.77 0.98 |
| 281 | Double Branch Tributary Canal near Oldsmar (02307027) Latitude: 28°04'27" Longitude: 82°37'34" In Hillsborough County at Racetrack Road, 1.6 miles upstream from mouth and 3.4 miles northeast of Oldsmar. | 10-31-80 4-23-81 6-04-81 10-13-81 | 0.18 0.00 0.00 0.30 |
| 282 | Brooker Creek near Lutz (02307181) Latitude: 28°09'31" Longitude: 82°32'54" In Hillsborough County at culvert on Lutz- Lake Fern Road, 5.3 miles west of Lutz. | 4-22-80 6-05-80 10-29-80 4-23-81 6-03-81 10-16-81 | 0.90 0.00 0.00 0.00 0.00 0.00 |
| 283 | South Fork Bishop Creek near Oldsmar (02307537) Latitude: 28°00'56" Longitude: 82°41'42" In Pinellas County on downstream side near center of railroad culverts, 0.6 mile up- stream from North Fork Bishop Creek, 2.0 miles southwest of Oldsmar Post Office, and 1.0 mile upstream from mouth. | 4-21-80 5-29-80 10-27-80 4-24-81 6-02-81 10-21-81 | 0.35 0.39 0.08 0.07 0.07 0.15 |
| 284 | Alligator Creek Tributary at Safety Harbor (02307688) Latitude: 27°58'56" Longitude: 82°42'27" In Pinellas County at bridge on State Highway 590, 0.1 mile east of State Highway 593 and 0.8 mile southwest of Safety Harbor. | 4-21-80 5-29-80 10-27-80 4-24-81 6-02-81 10-21-81 | 0.19 0.38 0.01 0.04 0.03 <u>2/</u> 0.01 |
| 285 | Stevenson Creek at Clearwater (02309258) Latitude: 27°58'19" Longitude: 82°46'54" In Pinellas County at Seaboard Coast Line Railroad bridge on Clearwater Country Club golf course, 0.2 mile north of Drew Street and 0.3 mile west of Highland Avenue. | 4-21-80 6-02-80 10-27-80 4-23-81 6-02-81 10-16-81 | 3.36 1.76 1.73 0.99 1.21 1.80 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|--|---|--|
| 286 | Curlew Creek near Ozona (02309421) Latitude: 28°02'24" Longitude: 82°44'51" In Pinellas County at culverts on county road, 0.7 mile upstream from Jerry Branch and 2.8 miles southeast of Ozona. | 4-21-80 6-02-80 10-28-80 6-02-81 | 4.44 3.65 3.22 1.80 |
| 287 | Anclote River near Fivay Junction (02309648) Latitude: 28°15'23" Longitude: 82°31'58" In Pasco County at timber bridge on ranch road, 1.1 miles downstream from small tribu- tary, 4.8 miles south of Fivay Junction, and 5.7 miles northeast of Odessa. | 4-25-80 10-30-80 | 2.13 0.00 |
| 288 | South Branch Anclote River at Odessa (02309900) Latitude: 28°12'15" Longitude: 82°35'42" In Pasco County at timber bridge on ranch road, 0.7 mile north of Odessa and 1.7 miles upstream from mouth. | 4-23-80 6-02-80 10-30-80 | 2.49 0.00 0.00 |
| 289 | Hollin Creek Tributary near Tarpon Springs (02310150) Latitude: 28°09'48" Longitude: 82°42'46" In Pinellas County at culverts on county road, 1,000 feet downstream from Seaboard Coast Line Railroad, 0.5 mile upstream from mouth, and 2.9 miles northeast of Tarpon Springs. | 4-22-80 5-29-80 4-27-81 6-03-81 10-16-81 | 0.76 0.00 0.05 0.03 0.15 |
| 290 | Sparkman Lake outlet near Masaryktown (02310224) Latitude: 28°27'23" Longitude: 82°22'14" In Hernando County near center of span on upstream side box culverts on State Highway 581, 0.3 mile north of Ares Road and 5.4 miles east of Masaryktown. | 4-25-80 6-03-80 10-29-80 4-27-81 6-03-81 10-13-81 | 0.37 0.14 0.00 0.00 0.00 0.06 |
| 291 | Pithlachascotee River near Fivay Junction (02310280) Latitude: 28°19'44" Longitude: 82°32'13" In Pasco County at bridge on State Highway 52, 1.2 miles west of Fivay Junction, 3.5 miles above Fivemile Creek, and 21 miles upstream from mouth. | 4-24-80 5-02-80 6-03-80 7-07-80 9-03-80 10-30-80 1-09-81 6-03-81 | 2.52 0.30 0.24 0.37 1.79 0.29 0.75 0.00 |
| 292 | Fivemile Creek near Fivay Junction (02310285) Latitude: 28°17'20" Longitude: 82°31'50" In Pasco County at concrete culverts on sand road, 0.2 mile downstream from small tributary, 2.5 miles upstream from mouth, and 2.5 miles south of Fivay Junction. | 4-25-80 10-30-80 | 0.02 0.00 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|---|---|--------------------------------------|
| 293 | Withlacoochee River near Poyner (02310787) Latitude: 28°18'21" Longitude: 81°47'36" In Polk County at culvert on private road, 2.8 miles southeast of Eva and 3.8 miles east of Poyner. | 4-24-80 10-31-80 4-23-81 10-22-81 | 0.54 0.00 0.00 0.50 |
| 294 | Pony Creek near Poyner (02310912) Latitude: 28°18'39" Longitude: 81°53'31" In Polk County near right bank on downstream side of bridge on Rock Ridge Road, 2.3 miles upstream from mouth and 2.4 miles west of Poyner. | 6-20-80 10-31-80 4-23-81 10-21-81 | 0.02 0.00 0.00 0.74 |
| 295 | Withlacoochee River near Rock Ridge (02310931) Latitude: 28°19'32" Longitude: 81°55'56" In Polk County at bridge on Tannic Road, 1.6 miles north of Rock Ridge and 6.0 miles west of Eva. | 4-24-80 10-31-80 4-23-81 10-21-81 | 3.78 0.00 0.00 0.98 |
| 296 | Withlacoochee River at Cedar Ford near Cumpresso (02310944) Latitude: 28°19'20" Longitude: 82°00'24" In Sumter County at Cedar Ford, 3.3 miles southeast of Cumpresso and 9.0 miles north- east of Richland. | 4-24-80 10-31-80 | 4.94 0.00 |
| 297 | Gator Creek near Richland (02310995) Latitude: 28°18'08" Longitude: 82°03'22" In Pasco County at bridge on State Highway 471, 0.3 mile above mouth and 5.6 miles east of Richland. | 4-24-80 6-12-80 | 0.52 0.00 |
| 298 | Gator Hole Slough near Lacoochee (02311890) Latitude: 28°27'12" Longitude: 82°05'08" In Pasco County on upstream side of bridge on Burn Bridge Road, 0.4 mile upstream from mouth and 7.0 miles southeast of Lacoochee. | 4-25-80 6-12-80 11-05-80 4-23-81 10-21-81 | 0.19 0.00 0.00 0.00 0.00 |
| 299 | Mill Creek near Carters Island (02312145) Latitude: 28°29'40" Longitude: 81°54'35" In Lake County at bridge on State Highway 565, 2.7 miles southeast of Carters Island. | 4-25-80 6-12-80 11-05-80 4-23-81 10-22-81 | 0.00 0.00 0.00 0.00 0.00 |
| 300 | Rutland Creek near Rutland (02312726) Latitude: 28°51'27" Longitude: 82°11'13" In Sumter County on State Highway 44, 1.6 miles east of Rutland. | 11-05-80 4-27-81 6-08-81 10-06-81 | 11.00 1.39 0.00 0.00 |

Footnotes are at end of table.

| Site ^{1/} | Station name and location | Date | Discharge (ft ³ /s) |
|--------------------|--|--|--|
| 301 | Turner Creek near Dunnellon (02313215) Latitude: 29°02'46" Longitude: 82°31'18" In Marion County at State Highway 40, 1.5 miles above mouth and 4.1 miles west of Dunnellon. | 11-06-80 4-28-81 6-04-81 10-07-81 | 0.08 0.02 0.00 0.03 |
| 302 | Bell Branch near Dunnellon (02313220) Latitude: 29°03'22" Longitude: 82°32'02" In Marion County at State Highway 40, 0.3 mile upstream from mouth and 4.7 miles west of Dunnellon. | 11-06-80 4-28-81 6-04-81 10-07-81 | 0.39 0.20 0.02 0.21 |
| 303 | Withlacoochee River Tributary near Inglis (02313260) Latitude: 29°01'34" Longitude: 82°38'31" In Levy County at State Highway 40, 0.6 mile upstream from mouth and 1.7 miles east of Inglis. | 11-06-80 4-28-81 6-04-81 10-07-81 | 0.11 0.00 0.00 0.00 |
| 304 | Little Waccasassa River near Bronson (02313448) Latitude: 29°28'34" Longitude: 82°41'13" In Levy County at bridge on U.S. Highway Alternate 27, 2.8 miles upstream from mouth and 3.7 miles northwest of Bronson. | 11-06-80 4-24-81 6-04-81 10-07-81 | 2.84 0.00 0.00 0.00 |
| 305 | Magee Branch near Bronson (02313522) Latitude: 29°21'04" Longitude: 82°38'17" In Levy County at County Road 343, 6.6 miles south of Bronson and 7.4 miles upstream from mouth. | 11-06-80 4-24-81 6-04-81 10-07-81 | 1.96 0.00 0.00 ^{2/} 0.01 |
| 306 | Wekiva River at Coulter Bridge near Gulf Hammock (02313614) Latitude: 29°16'41" Longitude: 82°41'15" In Levy County at Coulter Bridge, 2.9 miles northeast of Gulf Hammock. | 11-06-80 4-24-81 6-04-81 10-07-81 | 61.80 58.00 58.20 57.90 |
| 307 | Cow Creek near Gulf Hammock (02314098) Latitude: 29°12'37" Longitude: 82°41'50" In Levy County at bridge on U.S. Highway 19, 3.3 miles southeast of Gulf Hammock. | 11-06-80 4-24-81 6-04-81 10-07-81 | 0.94 4.27 0.00 2.76 |
| 308 | Sand Slough near Lebanon Station (02314134) Latitude: 29°11'17" Longitude: 82°41'01" In Levy County at bridge on U.S. Highway 19, 3.3 miles northwest of Lebanon Station. | 11-06-80 4-24-81 6-04-81 10-07-81 | 0.01 1.89 0.00 0.01 |
| 309 | Tenmile Creek near Dunnellon (02314170) Latitude: 29°06'27" Longitude: 82°33'27" In Levy County at State Highway 336, 1.7 miles southeast of Tidewater, 7.4 miles northwest of Dunnellon, and 7.7 miles upstream from mouth. | 11-06-80 4-28-81 6-04-81 10-07-81 | 0.00 0.00 0.00 0.00 |

^{1/}From figures 5 and 6.

^{2/}Field estimate.