Hydrologic Conditions

for the month of

August 2022

Prepared by the Hydrologic Data Section Data Collection Bureau



September 20, 2022

http://www.watermatters.org

ACKNOWLEDGMENTS

The Hydrologic Conditions Report is a monthly effort of the Data Collection Bureau's Hydrologic Data Section. Acknowledgment is made to the following staff for their significant contributions, hard work and dedication to the timely production of this report:

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INTRODUCTION

The Hydrologic Conditions Report is generated monthly by the Hydrologic Data Section, Data Collection Bureau, of the Southwest Florida Water Management District. This report provides an end-of-month analytical summary of regional and temporal variations in the hydrologic conditions across the District's 16-county area for planning and regulatory purposes. In addition, it provides an excellent historical record for long-term local and regional hydrologic analysis.

The Hydrologic Data Section is responsible for the implementation and maintenance of a network of observation and monitoring stations used to track changes in various hydrologic parameters over time. Data collected are used by the regulatory, technical, and analytical sections of the District. All data collected are processed and analyzed, uploaded into a centralized data base maintained by the District and then made available to the public through the District's Environmental Data Portal. The District's data collection program is augmented with data collected by the United States Geological Survey (USGS) through a cooperative joint funding agreement. Data derived from both District and USGS sources are used in this report.

The data contained in this report were collected and analyzed in accordance with generally accepted procedures consistent with applicable scientific and technical standards of practice. The data presented are considered to be the best available at the time of publication and are subject to revision.

Any questions about the significance, accuracy, or interpretation of these data should be referred to Tamera McBride, Manager of the Hydrologic Data Section at (352) 796-7211 or (800) 423-1476, extension 4284.

The data evaluation, analyses and interpretation contained within this report have been prepared or approved by a certified Professional Geologist in accordance with Chapter 492, Florida Statutes.

09/15/2022

Registration #PG-1704

Americans with Disabilities Act (ADA)

The Southwest Florida Water Management District (District) does not discriminate on the basis of disability. This nondiscrimination policy involves every aspect of the District's functions, including access to and participation in the District's programs, services and activities. Anyone requiring reasonable accommodation, or who would like information as to the existence and location of accessible services, activities, and facilities, as provided for in the Americans with Disabilities Act, should contact the Human Resources Office Chief, at 2379 Broad St., Brooksville, FL 34604-6899; telephone (352) 796-7211 or 1-800-423-1476 (FL only), ext. 4747; or email ADACoordinator@WaterMatters.org. If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1-800-955-8771 (TDD) or 1-800-955-8770 (Voice). If requested, appropriate auxiliary aids and services will be provided at any public meeting, forum, or event of the District. In the event of a complaint, please follow the grievance procedure located at WaterMatters.org/ADA.

EXECUTIVE SUMMARY

Hydrologic Conditions for August 2022

In August, average rainfall totals were within the normal range in all three regions of the District. The normal range for rainfall is defined by totals that fall on or between the 25th to 75th percentiles of the historical monthly accumulation for each region and where the 50th percentile represents the historical mean. The northern counties received an average of 8.42 inches of rainfall, equivalent to the 60th percentile of the historical August record. The central counties received an average of 7.75 inches of rainfall, equivalent to the 47th percentile, while the southern counties received an average of 7.63 inches of rainfall, equivalent to the 44th percentile of the historical August record. The District-wide rainfall average of 7.89 inches was equivalent to the 48th percentile of the historical August record.

During the 12-month period from September 1, 2021, through August 31, 2022, the average rainfall totals in the northern and central counties were classified as "normal," while the southern counties were classified as "drier than normal." The northern counties received an average of 54.17 inches of rainfall, equivalent to the 53rd percentile of the historical annual record. The central counties received an average of 47.28 inches of rainfall, equivalent to the 29th percentile, while the southern counties received an average of 44.86 inches of rainfall, equivalent to the 21st percentile. The District-wide rainfall average of 48.34 inches was equivalent to the 31st percentile of the historical annual record.

Average lake levels in August were below normal in the Northern and Lake Wales Ridge regions of the District, while they were within the normal range in the Tampa Bay and Polk Uplands regions. Normal lake levels are defined as levels that fall between the minimum low management level and the minimum flood level. Lake levels in the Northern region increased by an average of 0.13 foot and were 0.14 foot below the base level of the annual normal range. Lake levels in the Tampa Bay region decreased an average of 0.07 foot and were 0.56 foot above the base of the annual normal range. Average lake levels in the Polk Uplands region increased and average of 0.07 foot and were 1.14 feet above the base of the annual normal range. Average lake levels in the Lake Wales Ridge region increased by 0.01 foot and ended the month 1.25 feet below the base level of the annual normal range.

Total streamflow in August, based on three regional index rivers, was below-normal in all three regions of the District. Normal streamflow is defined as the flow that falls on or between the 25th and 75th percentiles. Streamflow measured at the Withlacoochee River near Holder station in the northern counties increased and was at the 22nd percentile. Streamflow at the Hillsborough River near Zephyrhills station in the central counties increased and was at the 12th percentile, while total streamflow measured at the Peace River at Arcadia station in the southern counties decreased and was at the 18th percentile during August.

In August, groundwater data showed that the average regional level in the Upper Floridan aquifer was within the normal range in all three regions of the District. The normal range is defined as levels that fall on or between the 25th and 75th percentiles. The average regional groundwater level in the northern, central and southern counties were at the 64th, 51st and 41st percentiles, respectively.

REGIONAL OVERVIEW OF HYDROLOGIC CONDITIONS

AUGUST 2022

For this report, the District has been divided into three geographical regions that are defined by county boundaries, unless otherwise indicated. Each regional area includes all or part of each county that is located within that region and that is also within the District's jurisdictional boundaries. The northern region includes the counties of Citrus, Hernando, Lake, Levy, Marion and Sumter; the central region includes the counties of Hillsborough, Pasco, Pinellas and Polk; while the southern region includes the counties of Charlotte, DeSoto, Hardee, Highlands, Manatee and Sarasota.

Northern Region

In August, the northern region received an average of 8.42 inches of rainfall, equivalent to the 60th percentile of the historical August readings, which is considered "normal." Average lake levels increased in the northern region, ending the month 0.14 foot below the base of the annual normal range. Total streamflow measured in the Withlacoochee River near Holder station increased and was in the 22nd percentile. Regional groundwater level percentiles indicated Upper Floridan aquifer water levels decreased and were in the 64th percentile.

Central Region

In August, the central region received an average of 7.75 inches of rainfall, equivalent to the 47th percentile of historical August readings, which is considered "normal." Average lake levels decreased in the Tampa Bay region, while increasing in the Polk Uplands region, ending the month 0.56 foot and 1.14 feet, respectively, above the base of the annual normal range. Total streamflow measured at the Hillsborough River near Zephyrhills station increased and was in the 12th percentile. Regional groundwater level percentiles indicated Upper Floridan aquifer water levels decreased and were in the 51st percentile.

Southern Region

In August, the southern region received an average of 7.63 inches of rainfall, equivalent to the 44th percentile of historical August readings, which is considered "normal." Average lake levels increased in the Lake Wales Ridge region and ended the month 1.25 feet below the base of the annual normal range. Total streamflow measured at the Peace River at Arcadia station decreased and was in the 18th percentile. Regional groundwater level percentiles indicated Upper Floridan aquifer water levels decreased and were in the 41st percentile.

RAINFALL

The rainfall data used for all tabulations in this report are provided to the District under contract with an external vendor. These data are created by enhancing contractor-developed NEXRAD radar rainfall imagery with 15-minute rainfall data collected from the District's network of real-time gauges. This process results in rainfall estimates for every 1.5 square-miles over the entire District, filling in those portions where rainfall data collection would otherwise be limited due to gaps in the gauging network.

Rainfall data are evaluated by using the current values to calculate percentiles in order to determine how normal or abnormal they are. As defined by the United States Geological Survey (USGS, a percentile is a value on a scale of one hundred that indicates the percent of a distribution that is equal to or below it. For example, a rainfall total that is calculated to be equivalent to the 90th percentile indicates that it is higher than 90 percent of the rainfall totals ever recorded for this month during all years that rainfall has been measured.

Percentiles for rainfall were calculated from the historical record by region, and by specific interval. The "wet season" total is the sum of the rainfall from June through September. The "dry season" total is the sum of the rainfall from October through May. The annual total characterization was calculated from a dataset of moving 12-month rainfall sum for the same period (1915 through the most recent completed year). The moving 12-month rainfall sum was used for annual statistics because it provided a much larger dataset, and therefore a better estimate of the true percentiles. The historical 12-month cumulative average is updated monthly.

Characterization ranges were established for each region, and for the whole District, with breaks at the 10th (P10), the 25th (P25), the 75th (P75) and the 90th (P90) percentiles. The normal range for rainfall is defined by totals that fall on or between the 25th to 75th percentiles of the historical monthly average for each region and where the 50th percentile represents the historical median. The zero percentile indicates a new period-of-record low and the 100th percentile is a new record high. The rainfall in inches for each percentile break, by rainfall interval and by region and the characterization ranges are summarized in the Appendix.

In August, rainfall totals were within the normal range in all three regions of the District. The normal range for rainfall is defined by totals that fall on or between the 25th to 75th percentiles of the historical monthly average for each region and where the 50th percentile represents the historical median. The northern counties received an average of 8.42 inches of rainfall, equivalent to the 60th percentile of the historical August record. The central counties received an average of 7.75 inches, equivalent to the 47th percentile of the historical August record, while the southern counties received an average of 7.63 inches, equivalent to the 44th percentile. District-wide, rainfall averaged 7.89 inches, which is equivalent to the 48th percentile.

During the 12-month period from September 1, 2021, through August 31, 2022, the average rainfall totals in the northern and central counties were classified as normal, while the southern counties were each classified as "drier than normal." The northern counties received an average of 54.17 inches of rainfall, equivalent to the 53rd percentile of the historical record. The central counties received an average of 47.28 inches of rainfall, equivalent to the 29th percentile. The southern counties received an average of

44.86 inches of rainfall, equivalent to the 21st percentile. The District-wide rainfall average was 48.34 inches, which is equivalent to the 31st percentile of the historical annual record.

Tampa Monthly Climate Summary for August 2022

According to the National Weather Service (NWS), the monthly average temperature (°F) for Tampa was 85.6 degrees, which was 1.6 degrees above normal. The highest temperature recorded during the month was 96.0 degrees, while the lowest temperature recorded during the month was 75.0 degrees. The August 2022 monthly average temperature of 85.6 degrees ranks as the warmest August since records began in 1890. The previous warmest August had an average temperature of 85.1 degrees, which occurred in 2011 and 1941.

Temperature and Precipitation Outlook

The Climate Prediction Center's (CPC) three-month weather forecast, as of September 15, 2022, indicates below-normal chances for rainfall in the northern counties of the District, while forecasting equal chances (i.e., below-normal, normal or above-normal) for rainfall in the central and southern counties, during the composite 3-month period from October through December 2022. The temperature forecast for this same time-period indicates above-normal temperatures throughout the District.

For more information log on to the CPC's website at:

http://www.cpc.ncep.noaa.gov/products/OUTLOOKS index.html

RELATIONSHIP OF AUGUST 2022 RAINFALL TO HISTORICAL RAINFALL AVERAGES

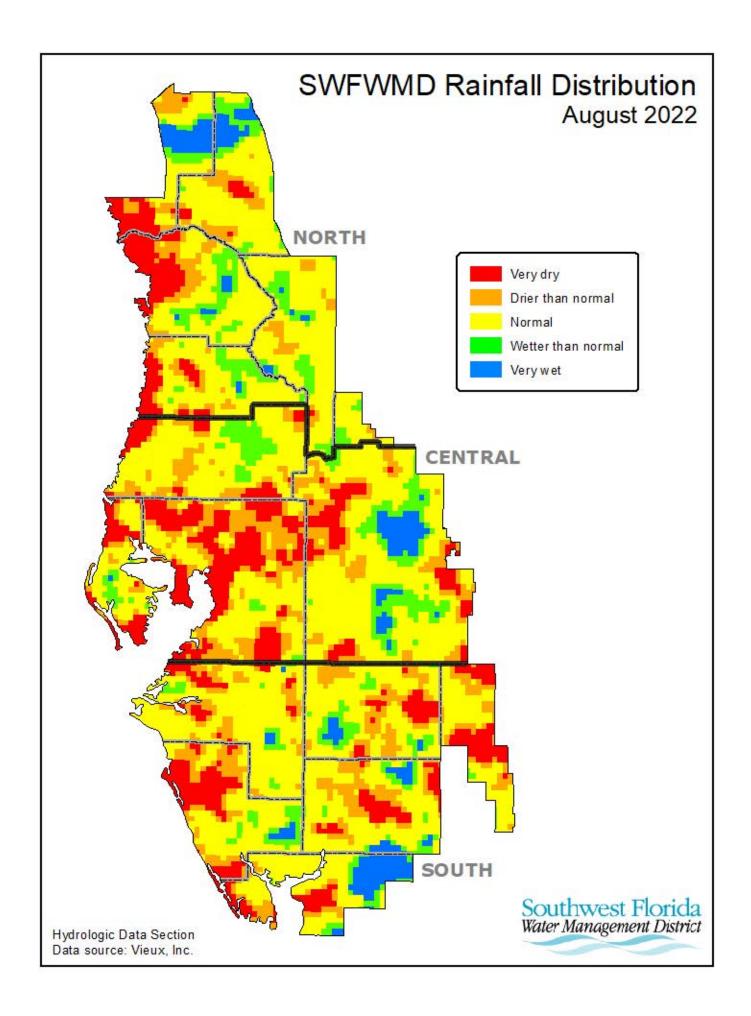
Regional Summary:

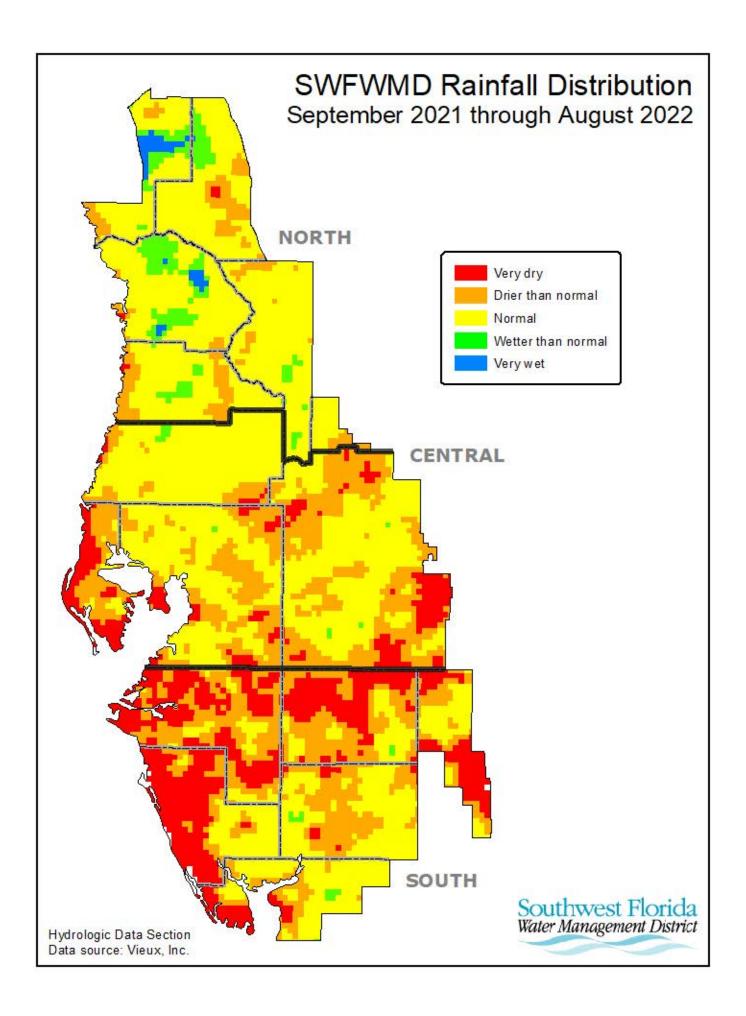
| Region | AUG 2022 Average Rainfall | Historical Average for AUG | Departure from Historical Average | Calendar Year 2022 Cumulative Rainfall JAN-AUG | Calendar Year Historical Cumulative Rainfall JAN-AUG | Departure from Historical Cumulative AUG 2022 | Cumulative 12-month Rainfall SEP 2021- AUG 2022 | Historical 12-month Cumulative Rainfall | Departure from Historical 12-month Cumulative |
|-----------------------|---------------------------------|----------------------------------|--|--|--|---|---|--|---|
| Northern Counties | 8.42 | 8.06 | 0.36 | 39.10 | 39.85 | -0.75 | 54.17 | 53.63 | 0.54 |
| Central Counties | 7.75 | 8.44 | -0.69 | 34.10 | 38.37 | -4.27 | 47.28 | 52.38 | -5.10 |
| Southern Counties | 7.63 | 8.11 | -0.48 | 32.21 | 38.14 | -5.93 | 44.86 | 52.33 | -7.47 |
| District All Counties | 7.89 | 8.22 | -0.33 | 34.82 | 38.70 | -3.88 | 48.34 | 52.71 | -4.37 |
| Regional Counti | es Summary: | | | | | | | | |
| NORTHERN COUNTIES | AUG 2022 Average Rainfall | Historical Average for AUG | Departure from Historical Average | Calendar Year 2022 Cumulative Rainfall JAN-AUG | Calendar Year Historical Cumulative Rainfall JAN-AUG | Departure from Historical Cumulative AUG 2022 | Cumulative 12-month Rainfall SEP 2021- AUG 2022 | Historical 12-month Cumulative Rainfall | Departure from Historical 12-month Cumulative |
| Levy County | 8.66 | 8.39 | 0.27 | 41.86 | 40.06 | 1.80 | 56.39 | 54.03 | 2.36 |
| Marion County | 8.60 | 8.07 | 0.53 | 39.27 | 40.30 | -1.03 | 53.38 | 54.33 | -0.95 |
| Citrus County | 7.74 | 8.40 | -0.66 | 38.45 | 40.58 | -2.13 | 56.16 | 54.20 | 1.96 |
| Sumter County | 8.94 | 7.42 | 1.52 | 38.50 | 38.62 | -0.12 | 53.33 | 51.97 | 1.36 |
| Hernando County | 8.22 | 8.45 | -0.23 | 39.04 | 40.94 | -1.90 | 52.52 | 55.00 | -2.48 |
| CENTRAL COUNTIES | | | | | | | | | |
| Pasco County | 8.28 | 8.35 | -0.07 | 36.19 | 39.82 | -3.63 | 50.74 | 54.03 | -3.29 |
| Pinellas County | 6.92 | 8.80 | -1.88 | 28.88 | 37.29 | -8.41 | 41.01 | 51.68 | -10.67 |
| Hillsborough County | 6.38 | 8.40 | -2.02 | 32.73 | 38.86 | -6.13 | 47.01 | 52.65 | -5.64 |
| Polk County | 8.58 | 7.57 | 1.01 | 35.00 | 38.51 | -3.51 | 46.99 | 51.98 | -4.99 |
| SOUTHERN COUNTIES | | | | | | | | | |
| Manatee County | 7.59 | 8.88 | -1.29 | 30.42 | 38.90 | -8.48 | 42.99 | 53.36 | -10.37 |
| Hardee County | 7.43 | 7.61 | -0.18 | 31.30 | 38.20 | -6.90 | 43.82 | 52.04 | -8.22 |
| Highlands County | 7.30 | 7.58 | -0.28 | 28.98 | 37.81 | -8.83 | 44.41 | 51.99 | -7.58 |
| Sarasota County | 6.91 | 8.62 | -1.71 | 30.92 | 37.78 | -6.86 | 42.07 | 52.58 | -10.51 |
| DeSoto County | 7.64 | 7.76 | -0.12 | 35.80 | 37.61 | -1.81 | 48.18 | 51.77 | -3.59 |
| Charlotte County | 9.10 | 8.26 | 0.84 | 35.54 | 37.67 | -2.13 | 48.70 | 52.48 | -3.78 |

AUGUST 2022 RAINFALL CHARACTERIZATION

Regional Characterization:

| Region | AUG 2022 Average Rainfall | Historical AUG Percentile | AUG Rainfall Characterization | 12- Rå SEF | nulative month ainfall 2 2021- G 2022 | Historical 12-month Cumulative Percentile | 12-month Cumulative Rainfall Characterization | |
|--|--|---------------------------------|--|------------------|---|--|--|--|
| Northern Counties Central Counties Southern Counties District Counties | 8.42 7.75 7.63 7.89 | 60 47 44 48 | Normal Normal Normal Normal | 4 4 | 4.17 7.28 4.86 8.34 | 53 29 21 31 | Normal Normal Drier than normal Normal | |
| Regional Counti | es Characterizat | ion: | | | | | | |
| NORTHERN COUNTIES | AUG 2022 Average Rainfall | Historical AUG Percentile | AUG Rainfall Characterization | 12- Ra SEF | nulative month ainfall 2 2021- G 2022 | Historical 12-month Cumulative Percentile | 12-month Cumulative Rainfall Characterization | |
| Levy County Marion County Citrus County Sumter County Hernando County CENTRAL COUNTIES | 8.66 8.60 7.74 8.94 8.22 | 61 68 45 77 47 | Normal Normal Normal Wetter than normal Normal | 5 5 5 | 6.39 3.38 6.16 3.33 2.52 | 64 46 59 57 41 | Normal Normal Normal Normal Normal | |
| Pasco County Pinellas County Hillsborough County Polk County SOUTHERN COUNTIES | 8.28 6.92 6.38 8.58 | 56 38 21 74 | Normal Normal Drier than normal Normal | 4 4 | 0.74 1.01 7.01 6.99 | 37 14 28 30 | Normal Drier than normal Normal Normal | |
| Manatee County Hardee County Highlands County Sarasota County DeSoto County Charlotte County | 7.59 7.43 7.30 6.91 7.64 9.10 | 38 53 49 35 55 | Normal Normal Normal Normal Normal Normal | 4 4 4 4 | 2.99 3.82 4.41 2.07 8.18 8.70 | 12 18 20 14 38 36 | Drier than normal Drier than normal Drier than normal Drier than normal Normal Normal | |





SURFACE WATER

Lakes

Across the District, 75 lakes have been selected as excellent indicators of current surface water conditions (see index map in Appendix). Water levels of these lakes are read monthly. In general, these lakes are concentrated in four regions, the northern region of Citrus, Hernando, and Sumter Counties, the Tampa Bay region of Hillsborough and Pasco Counties, the Polk Uplands region of northern Polk County, and the Lake Wales Ridge region of Polk and Highlands Counties. In this report, current monthly lake levels are tabulated and compared with previous records as well as District-established management levels. In addition, lake-level data representative of the four regions are presented in hydrographs showing a 15-year history of water levels, as a general indicator of surface-water conditions in that region.

The District's Governing Board (the Board) has established lake management levels for approximately 410 lakes within District boundaries, which are specified in Chapter 40D-8, Florida Administrative Code (F.A.C.). Management levels help protect the water resources of the District and the ecology of the lake or water-body for which it was established. In this report, the following three management levels are used to indicate normal and low lake levels: the Minimum Flood (MF) level, the Minimum Low Management (MLM) level, and the Minimum Extreme Low Management (MELM) level. In general, the MF level corresponds to the normal high level, the MLM to the normal low level, and the MELM to a drought-year low. These levels were derived from various sources, including technical publications, topographic maps, Water Resource Data Reports of the USGS, and other studies. Field investigations are also used to determine past surface levels from water marks, wetland vegetation, dry land vegetation, and to establish the elevation of septic tanks, docks, sea walls, roads and floor slabs.

During a normal year, each of the indicator lakes should reach both the designated normal high (MF) and the normal low (MLM) levels. In addition, it is generally beneficial for lakes to reach the adopted drought year low (MELM) level every four to six years for a short period of time for the biological health of the lake. In this report, hydrographs of representative lakes compare current and recent water levels against "normal ranges" defined by the adopted MF and MLM levels.

Of the 75 lakes presented in this report, 17 have water-control structures. These structures are used for water conservation and do not generally influence the water levels with regard to meteorologically wet or dry conditions. During periods of extreme high water, the structures may be operated to minimize flooding.

Compared to July data, 38 of the 75 lakes monitored for this report recorded water level decreases, while 35 recorded increases and two had no change. Average water levels increased in the Northern, Polk Uplands and Lake Wales Ridge regions by 0.13, 0.07 and 0.01 foot, respectively, while average water levels in the Tampa Bay region decreased by 0.07 foot. District-wide, average water levels increased by 0.01 foot, compared to last month.

Compared to August 2021 data, 60 of the 75 lakes monitored for this report recorded water level decreases, while 15 recorded increases. In the Northern, Tampa Bay, Polk Uplands and Lake Wales Ridge regions, average levels were lower by 0.57 foot, 0.86 foot, 0.66 foot and 1.89 feet, respectively. District-wide, average lake levels were lower by 0.88 foot, compared to last year's levels.

In August 2022, water levels in 53 of the 75 lakes were within the annual normal range, while 22 were below. Lake levels in the Northern and Lake Wales Ridge regions averaged 0.14 foot and 1.25 feet, respectively, below the base of the annual normal range. Lake levels in the Tampa Bay and Polk Uplands regions averaged 0.56 foot and 1.14 feet, respectively, above the base of the annual normal range. District-wide, average lake levels were 0.36 foot above the base of the annual normal range. Water levels in 67 of the 75 lakes were above the drought-year levels.

SUMMARY OF LAKE ELEVATIONS OF REGIONAL LAKES (feet)

All elevations are referenced to the NGVD29 datum. "M" indicates missing or undetermined value.

NORTHERN LAKES

| Lake Name | County | Beginning of Record | JUL 2022 | AUG 2022 | AUG 2021 | Change from JUL 2022 | Change from AUG 2021 | Diff from MELM | (MELM) Drought Year Low | (MLM) Normal Year Low | (MF) Normal Year High | Period of Record Low | Record Low Date | Period of Record High | Record High Date |
|-------------------------|----------|------------------------|----------|----------|----------|----------------------------|----------------------------|-------------------|-------------------------------|-----------------------------|-----------------------------|----------------------------|--------------------|-----------------------------|---------------------|
| Crews Lake | Pasco | 1986 | 50.70 | 50.40 | 52.46 | -0.30 | -2.06 | 0.40 | 50.00 | 52.00 | 55.00 | 42.63 | APR 2001 | 54.92 | MAR 1998 |
| Floral City Pool | Citrus | 1981 | 40.65 | 40.82 | 41.35 | 0.17 | -0.53 | 2.57 | 38.25 | 40.25 | 42.50 | 30.35 | JUN 2001 | 42.66 | SEP 2004 |
| Hancock Lake | Pasco | 1978 | 99.06 | 98.86 | 100.70 | -0.20 | -1.84 | -3.14 | 102.00 | 104.00 | 106.50 | 90.00 | MAR 2009 | 108.90 | MAR 1998 |
| Hernando Pool | Citrus | 1985 | 38.59 | 38.82 | 38.89 | 0.23 | -0.07 | 4.07 | 34.75 | 36.75 | 39.00 | 31.08 | JUL 2001 | 40.17 | FEB 1998 |
| Hunters Lake | Hernando | 1967 | 17.39 | 17.47 | 17.49 | 0.08 | -0.02 | 1.47 | 16.00 | 17.50 | 20.50 | 11.70 | JUN 2001 | 20.50 | MAR 1970 |
| Inverness Pool | Citrus | 1985 | 39.67 | 39.83 | 40.17 | 0.16 | -0.34 | 3.58 | 36.25 | 38.25 | 40.50 | 31.45 | MAY 2001 | 40.89 | OCT 2004 |
| Lake Iola | Pasco | 1984 | 141.71 | 141.87 | 141.93 | 0.16 | -0.06 | -0.63 | 142.50 | 145.00 | 147.50 | 128.96 | MAY 2012 | 148.70 | JAN 1989 |
| Lake Lindsey | Hernando | 1982 | 67.16 | 67.84 | 66.99 | 0.68 | 0.85 | 3.34 | 64.50 | 66.00 | 69.00 | 59.38 | MAY 2012 | 69.47 | MAR 1998 |
| Little Lake (Consuella) | Citrus | 1985 | 40.28 | 40.76 | 41.28 | 0.48 | -0.52 | 3.51 | 37.25 | 39.00 | 41.50 | 31.10 | MAY 2001 | 42.84 | SEP 2004 |
| Lake Miona | Sumter | 1985 | 53.87 | 53.83 | 54.23 | -0.04 | -0.40 | 2.83 | 51.00 | 53.00 | 55.00 | 47.88 | MAY 2002 | 55.47 | OCT 2019 |
| Moon Lake | Pasco | 1990 | 39.03 | 39.44 | 39.14 | 0.41 | 0.30 | 3.94 | 35.50 | 37.50 | 40.50 | 32.98 | APR 2009 | 41.26 | SEP 2004 |
| Lake Panasoffkee | Sumter | 1962 | 40.16 | 40.71 | 41.14 | 0.55 | -0.43 | 2.21 | 38.50 | 39.50 | 42.50 | 36.87 | JUN 2007 | 43.04 | OCT 2004 |
| Lake Pasadena | Pasco | 1984 | 90.06 | 89.71 | 91.41 | -0.35 | -1.70 | -0.29 | 90.00 | 91.50 | 94.50 | 81.56 | MAY 2001 | 94.86 | OCT 2004 |
| Spring Lake | Hernando | 1965 | 179.41 | 179.15 | 180.29 | -0.26 | -1.14 | 0.90 | 178.25 | 181.25 | 184.25 | 174.85 | JUN 1965 | 183.57 | OCT 1984 |

TAMPA BAY LAKES

| Lake Name | County | Beginning of Record | JUL 2022 | AUG 2022 | AUG 2021 | Change from JUL 2022 | Change from AUG 2021 | Diff from MELM | (MELM) Drought Year Low | (MLM) Normal Year Low | (MF) Normal Year High | Period of Record Low | Record Low Date | Period of Record High | Record High Date |
|-------------------|--------------|------------------------|----------|----------|----------|----------------------------|----------------------------|-------------------|-------------------------------|-----------------------------|-----------------------------|----------------------------|--------------------|-----------------------------|---------------------|
| Lake Alice | Hillsborough | 1981 | 39.82 | 39.73 | 41.24 | -0.09 | -1.51 | 2.23 | 37.50 | 40.25 | 42.25 | 33.24 | MAY 2002 | 42.42 | SEP 2004 |
| Lake Ann-Parker | Pasco | 1983 | 46.24 | 46.34 | 47.70 | 0.10 | -1.36 | 1.34 | 45.00 | 45.75 | 48.75 | 43.28 | JUN 2001 | 49.29 | AUG 2015 |
| Bay Lake | Hillsborough | 1982 | 45.73 | 45.84 | 45.79 | 0.11 | 0.05 | 3.34 | 42.50 | 44.00 | 46.75 | 41.86 | APR 1985 | 46.47 | DEC 1997 |
| Lake Brant | Hillsborough | 1981 | 57.18 | 56.88 | 58.10 | -0.30 | -1.22 | 2.38 | 54.50 | 56.50 | 58.75 | 51.65 | JUN 1994 | 59.57 | AUG 2015 |
| Brooker Lake | Hillsborough | 1977 | 62.80 | 62.55 | 62.99 | -0.25 | -0.44 | 3.55 | 59.00 | 61.00 | 64.25 | 56.49 | MAY 2002 | 64.08 | DEC 1997 |
| Calm Lake | Hillsborough | 1982 | 48.37 | 48.44 | 49.79 | 0.07 | -1.35 | 3.44 | 45.00 | 47.50 | 50.50 | 41.88 | JUN 2002 | 51.04 | JUL 2015 |
| Camp Lake | Pasco | 1983 | 61.16 | 61.04 | 62.92 | -0.12 | -1.88 | 2.04 | 59.00 | 61.75 | 64.00 | 50.82 | MAY 2002 | 64.05 | JUL 2015 |
| Carlton Lake | Hillsborough | 1976 | 89.38 | 89.59 | 90.75 | 0.21 | -1.16 | 1.59 | 88.00 | 90.50 | 93.50 | 86.82 | MAY 2001 | 94.60 | FEB 1998 |
| Lake Carroll | Hillsborough | 1985 | 36.38 | 36.47 | 36.74 | 0.09 | -0.27 | 3.97 | 32.50 | 34.50 | 37.00 | 30.87 | MAY 2002 | 37.87 | AUG 2015 |
| Church Lake | Hillsborough | 1983 | 34.40 | 34.45 | 35.90 | 0.05 | -1.45 | 2.95 | 31.50 | 34.00 | 36.25 | 27.94 | MAY 2002 | 36.90 | JUL 1987 |
| Lake Cooper | Hillsborough | 1980 | 59.97 | 59.66 | 60.83 | -0.31 | -1.17 | 2.66 | 57.00 | 59.75 | 61.75 | 55.60 | JUN 2001 | 62.44 | AUG 2015 |
| Crescent Lake | Hillsborough | 1981 | 40.52 | 41.36 | 41.80 | 0.84 | -0.44 | 2.86 | 38.50 | 40.00 | 42.50 | 35.34 | JUN 2001 | 43.42 | AUG 2015 |
| Deer Lake | Hillsborough | 1977 | 65.68 | 65.34 | 66.78 | -0.34 | -1.44 | 2.84 | 62.50 | 64.50 | 67.25 | 60.72 | MAY 2002 | 67.42 | DEC 1997 |
| Egypt Lake | Hillsborough | 1978 | 36.82 | 37.02 | 36.71 | 0.20 | 0.31 | 4.52 | 32.50 | 35.00 | 37.50 | 33.06 | MAY 2000 | 38.15 | SEP 1985 |
| Gornto Lake | Hillsborough | 1979 | 37.29 | 37.41 | 36.13 | 0.12 | 1.28 | 3.41 | 34.00 | 36.00 | 38.50 | 29.86 | MAR 1979 | 39.48 | FEB 1998 |
| Lake Harvey | Hillsborough | 1970 | 60.93 | 60.89 | 62.09 | -0.04 | -1.20 | 2.89 | 58.00 | 60.25 | 62.50 | 53.94 | MAY 2002 | 63.90 | DEC 1997 |
| Lake Hiawatha | Hillsborough | 1981 | 49.01 | 49.01 | 50.79 | 0.00 | -1.78 | 4.01 | 45.00 | 48.00 | 50.50 | 46.14 | JUN 2000 | 51.16 | JUL 2019 |
| Horse Lake | Hillsborough | 1930 | 44.38 | 44.07 | 45.86 | -0.31 | -1.79 | 2.07 | 42.00 | 44.00 | 46.50 | 36.33 | JUN 2002 | 50.00 | AUG 1959 |
| Lake Keene | Hillsborough | 1981 | 62.03 | 62.17 | 62.01 | 0.14 | 0.16 | 3.17 | 59.00 | 60.50 | 63.00 | 56.12 | JUN 2002 | 63.69 | SEP 2017 |
| Keystone Lake | Hillsborough | 1984 | 41.48 | 41.53 | 41.50 | 0.05 | 0.03 | 2.53 | 39.00 | 39.75 | 42.00 | 37.84 | JUN 2000 | 43.64 | AUG 2015 |
| King Lake | Pasco | 1983 | 102.02 | 102.20 | 102.96 | 0.18 | -0.76 | 2.20 | 100.00 | 102.50 | 105.25 | 94.20 | APR 2009 | 104.80 | MAR 1987 |
| Lake Leclare | Hillsborough | 1977 | 51.06 | 51.08 | 51.24 | 0.02 | -0.16 | 4.08 | 47.00 | 49.50 | 52.00 | 44.95 | JUN 2001 | 52.99 | JUL 2015 |
| Lake Linda | Pasco | 1983 | 64.85 | 64.85 | 65.73 | 0.00 | -0.88 | 2.85 | 62.00 | 64.00 | 66.75 | 60.07 | MAY 2001 | 67.17 | SEP 2017 |
| Little Lake | Hillsborough | 1979 | 45.18 | 45.09 | 45.74 | -0.09 | -0.65 | 3.09 | 42.00 | 43.50 | 46.50 | 38.06 | JUN 1994 | 48.55 | JUN 2017 |
| Long Pond | Hillsborough | 1978 | 44.55 | 44.22 | 45.70 | -0.33 | -1.48 | 2.22 | 42.00 | 44.00 | 46.50 | 36.33 | MAY 1979 | 48.27 | SEP 1998 |
| Mud (Walden) Lake | Hillsborough | 1978 | 112.85 | 112.95 | 112.93 | 0.10 | 0.02 | 2.45 | 110.50 | 112.50 | 115.00 | 111.45 | MAY 2017 | 114.42 | MAR 1978 |
| Lake Padgett | Pasco | 1965 | 69.46 | 69.40 | 70.09 | -0.06 | -0.69 | 1.90 | 67.50 | 69.00 | 71.25 | 66.27 | JUN 2001 | 71.90 | SEP 1988 |
| Platt Lake | Hillsborough | 1981 | 49.44 | 49.10 | 49.96 | -0.34 | -0.86 | 3.10 | 46.00 | 47.75 | 50.50 | 42.53 | JUN 2001 | 51.61 | AUG 2015 |
| Rainbow Lake | Hillsborough | 1981 | 37.65 | 37.54 | 39.83 | -0.11 | -2.29 | 2.54 | 35.00 | 37.50 | 40.50 | 29.82 | JUN 2002 | 40.95 | JUL 2015 |
| Lake Stemper | Hillsborough | 1983 | 60.25 | 59.97 | 60.72 | -0.28 | -0.75 | 1.97 | 58.00 | 59.50 | 62.00 | 53.36 | JUN 2001 | 61.68 | SEP 2004 |
| Lake Thomas | Hillsborough | 1981 | 62.36 | 61.99 | 63.06 | -0.37 | -1.07 | 2.74 | 59.25 | 61.25 | 63.50 | 56.48 | JUN 2002 | 64.13 | AUG 2015 |
| Turkey Ford Lake | Hillsborough | 1970 | 52.09 | 50.74 | 51.77 | -1.35 | -1.03 | 0.74 | 50.00 | 51.50 | 54.00 | 48.07 | JUN 1985 | 55.28 | SEP 1988 |
| Lake Wimauma | Hillsborough | 1985 | 78.16 | 78.40 | 79.67 | 0.24 | -1.27 | -2.60 | 81.00 | 83.00 | 86.75 | 70.12 | MAY 2001 | 84.38 | MAR 1998 |

SUMMARY OF LAKE ELEVATIONS OF REGIONAL LAKES (feet), continued

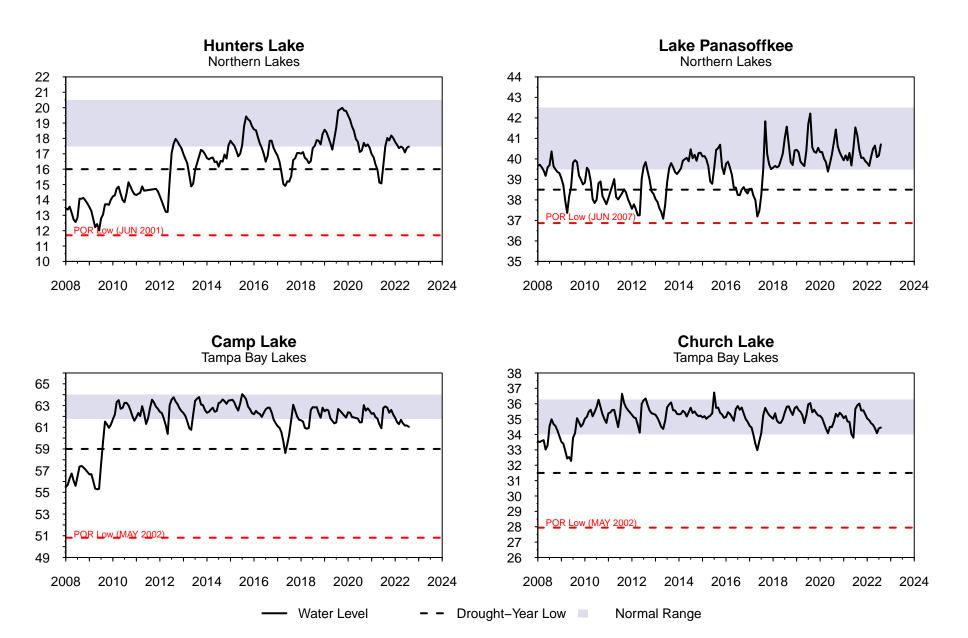
All elevations are referenced to the NGVD29 datum. "M" indicates missing or undetermined value.

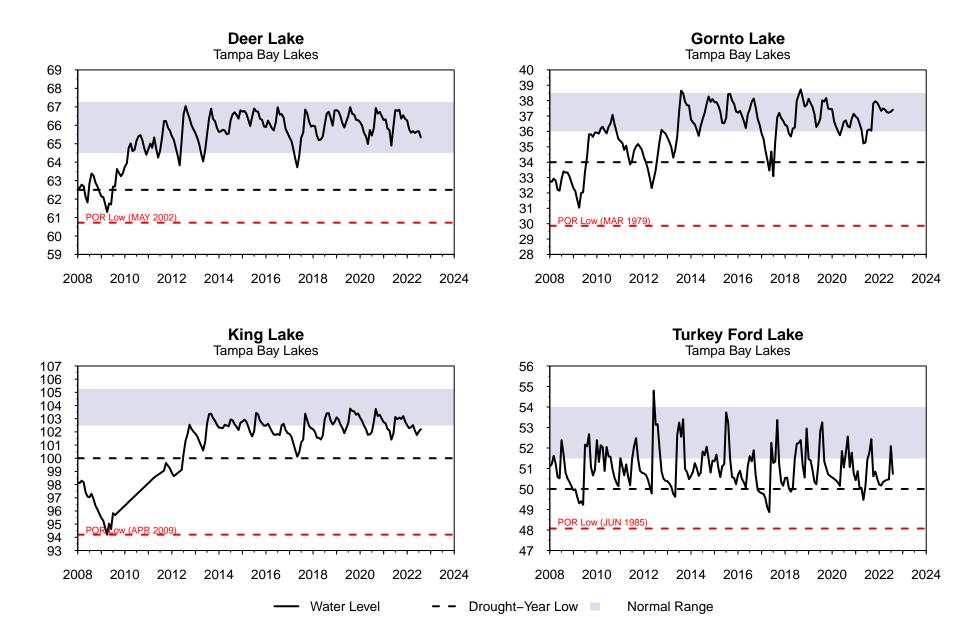
POLK UPLANDS LAKES

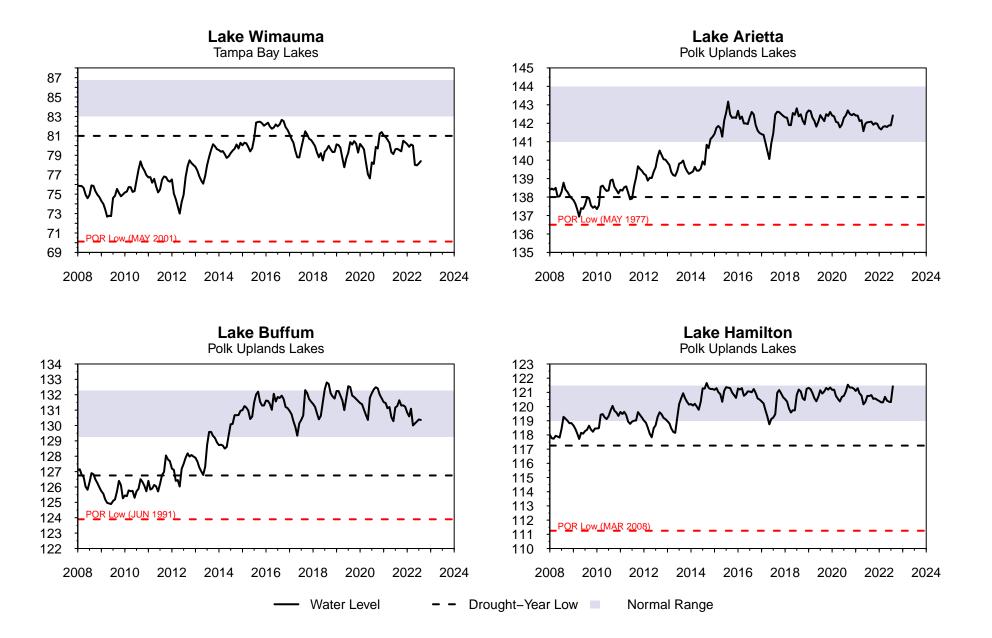
| Lake Name | County | Beginning of Record | JUL 2022 | AUG 2022 | AUG 2021 | Change from JUL 2022 | Change from AUG 2021 | Diff from MELM | (MELM) Drought Year Low | (MLM) Normal Year Low | (MF) Normal Year High | Period of Record Low | Record Low Date | Period of Record High | Record High Date |
|-----------------|--------|------------------------|----------|----------|----------|----------------------------|----------------------------|-------------------|-------------------------------|-----------------------------|-----------------------------|----------------------------|--------------------|-----------------------------|---------------------|
| Lake Alfred | Polk | 1990 | 129.93 | 129.96 | 131.57 | 0.03 | -1.61 | 3.71 | 126.25 | 128.25 | 130.75 | 124.17 | MAY 2013 | 132.77 | DEC 2020 |
| Lake Ariana | Polk | 1984 | 136.08 | 135.87 | 136.51 | -0.21 | -0.64 | 3.37 | 132.50 | 134.50 | 137.00 | 131.68 | MAY 2009 | 137.66 | JAN 2016 |
| Lake Arietta | Polk | 1970 | 141.89 | 142.42 | 142.06 | 0.53 | 0.36 | 4.42 | 138.00 | 141.00 | 144.00 | 136.50 | MAY 1977 | 144.33 | OCT 2004 |
| Blue Lake South | Polk | 1986 | 112.15 | 111.71 | 115.41 | -0.44 | -3.70 | -0.79 | 112.50 | 114.00 | 117.00 | 103.38 | FEB 1991 | 119.19 | DEC 2005 |
| Lake Bonny | Polk | 1954 | 129.32 | 129.09 | 130.40 | -0.23 | -1.31 | 3.09 | 126.00 | 128.00 | 130.50 | 122.34 | MAY 2009 | 133.08 | SEP 2004 |
| Lake Buffum | Polk | 1982 | 130.39 | 130.36 | 131.27 | -0.03 | -0.91 | 3.61 | 126.75 | 129.25 | 132.25 | 123.90 | JUN 1991 | 133.00 | JUN 2005 |
| Clearwater Lake | Polk | 1979 | 141.14 | 141.10 | 142.30 | -0.04 | -1.20 | 2.10 | 139.00 | 141.00 | 143.50 | 137.93 | MAY 2001 | 146.06 | AUG 1984 |
| Lake Conine | Polk | 1989 | 128.07 | 128.41 | 128.37 | 0.34 | 0.04 | 3.91 | 124.50 | 126.50 | 128.75 | 123.83 | NOV 2009 | 129.95 | SEP 2004 |
| Eagle Lake | Polk | 1965 | 130.01 | 129.03 | 129.44 | -0.98 | -0.41 | 2.53 | 126.50 | 128.50 | 130.75 | 120.87 | MAY 1967 | 131.50 | SEP 1996 |
| Lake Fannie | Polk | 1967 | 124.65 | 125.82 | 125.45 | 1.17 | 0.37 | 5.82 | 120.00 | 123.50 | 125.75 | 118.67 | MAY 1977 | 127.51 | SEP 2004 |
| Lake Garfield | Polk | 1982 | 102.18 | 102.45 | 102.36 | 0.27 | 0.09 | 2.45 | 100.00 | 101.00 | 104.75 | 97.38 | JUN 2001 | 105.70 | FEB 1998 |
| Lake Gibson | Polk | 1984 | 142.64 | 142.49 | 142.77 | -0.15 | -0.28 | 0.99 | 141.50 | 141.50 | 143.50 | 140.21 | MAY 2009 | 145.40 | SEP 1988 |
| Lake Hamilton | Polk | 1962 | 120.32 | 121.43 | 120.74 | 1.11 | 0.69 | 4.18 | 117.25 | 119.00 | 121.50 | 111.25 | MAR 2008 | 123.96 | OCT 2004 |
| Lake Helene | Polk | 1961 | 141.21 | 141.10 | 143.31 | -0.11 | -2.21 | 2.10 | 139.00 | 141.00 | 144.00 | 134.06 | JUN 2008 | 146.71 | OCT 2017 |
| Lake Howard | Polk | 1987 | 131.17 | 131.43 | 131.80 | 0.26 | -0.37 | 4.43 | 127.00 | 129.50 | 132.00 | 127.69 | MAY 2001 | 133.08 | SEP 2004 |
| Lake Juliana | Polk | 1984 | 132.52 | 131.81 | 132.46 | -0.71 | -0.65 | 4.31 | 127.50 | 130.00 | 132.50 | 127.40 | NOV 2009 | 134.12 | SEP 2020 |
| Lake Mcleod | Polk | 1983 | 128.95 | 128.94 | 130.22 | -0.01 | -1.28 | 0.94 | 128.00 | 129.50 | 132.00 | 120.76 | JUL 1985 | 131.98 | SEP 1998 |
| Lake Otis | Polk | 1954 | 127.02 | 127.28 | 127.35 | 0.26 | -0.07 | 4.28 | 123.00 | 125.00 | 128.00 | 119.58 | MAY 1976 | 129.12 | SEP 1960 |
| Lake Ruby | Polk | 1974 | 124.73 | 125.04 | 124.48 | 0.31 | 0.56 | 4.04 | 121.00 | 123.00 | 125.25 | 120.68 | JUN 1974 | 125.98 | SEP 2004 |

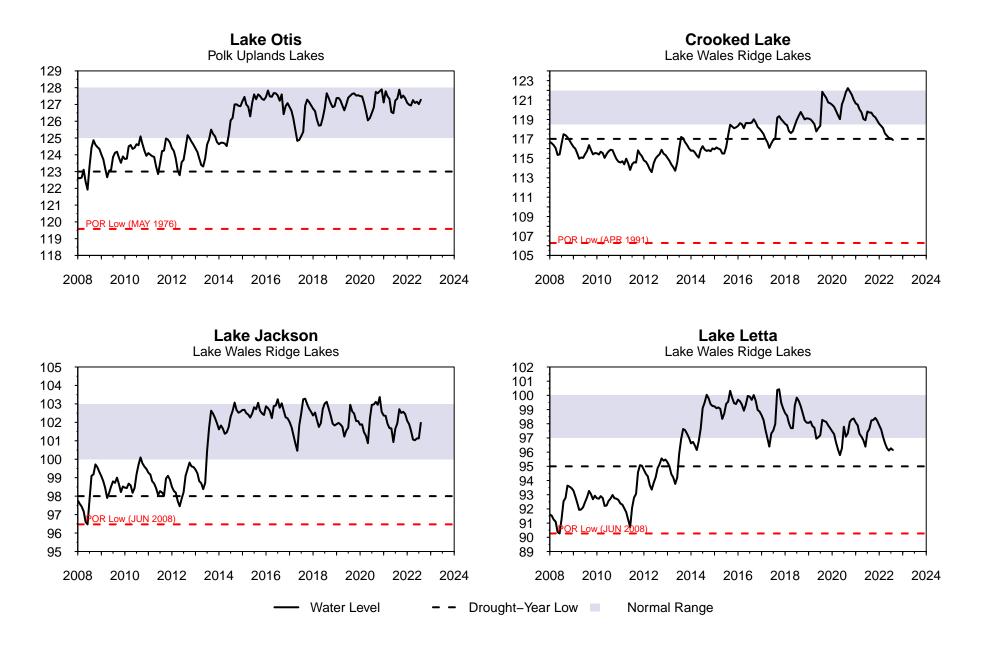
LAKE WALES RIDGE LAKES

| Lake Name | County | Beginning of Record | JUL 2022 | AUG 2022 | AUG 2021 | Change from JUL 2022 | Change from AUG 2021 | Diff from MELM | (MELM) Drought Year Low | (MLM) Normal Year Low | (MF) Normal Year High | Period of Record Low | Record Low Date | Period of Record High | Record High Date |
|--------------|-----------|------------------------|----------|----------|----------|----------------------------|----------------------------|-------------------|-------------------------------|-----------------------------|-----------------------------|----------------------------|--------------------|-----------------------------|---------------------|
| Lake Annie | Polk | 1983 | 115.78 | 115.70 | 117.35 | -0.08 | -1.65 | 1.70 | 114.00 | 116.00 | 119.00 | 108.36 | JUN 1990 | 118.15 | NOV 2020 |
| Lake Clay | Highlands | 1983 | 76.65 | 76.55 | 78.27 | -0.10 | -1.72 | 1.55 | 75.00 | 76.00 | 78.75 | 74.34 | MAY 2001 | 78.82 | JUN 2013 |
| Crooked Lake | Polk | 1982 | 117.05 | 116.89 | 119.71 | -0.16 | -2.82 | -0.11 | 117.00 | 118.50 | 122.00 | 106.28 | APR 1991 | 123.44 | AUG 2005 |
| Lake Jackson | Highlands | 1984 | 101.13 | 101.97 | 101.95 | 0.84 | 0.02 | 3.97 | 98.00 | 100.00 | 103.00 | 96.47 | JUN 2008 | 103.75 | SEP 2017 |
| Lake Letta | Highlands | 1981 | 96.27 | 96.15 | 97.63 | -0.12 | -1.48 | 1.15 | 95.00 | 97.00 | 100.00 | 90.27 | JUN 2008 | 100.74 | OCT 2017 |
| Lake Lotela | Highlands | 1989 | 104.42 | 104.14 | 106.64 | -0.28 | -2.50 | 0.14 | 104.00 | 105.00 | 108.50 | 96.63 | JUN 2008 | 109.13 | SEP 2017 |
| Lake Placid | Highlands | 1984 | 91.34 | 91.26 | 92.86 | -0.08 | -1.60 | 1.26 | 90.00 | 91.50 | 94.50 | 88.08 | JUN 2008 | 94.24 | SEP 2003 |
| Starr Lake | Polk | 1983 | 104.11 | 104.28 | 106.45 | 0.17 | -2.17 | -3.72 | 108.00 | 110.00 | 113.00 | 96.23 | JUL 2001 | 109.80 | DEC 2005 |
| Trout Lake | Highlands | 1981 | 93.90 | 93.84 | 96.90 | -0.06 | -3.06 | -1.16 | 95.00 | 98.00 | 101.00 | 87.15 | MAY 2001 | 99.89 | SEP 2016 |









Streams

The District processes streamflow data collected by the U.S. Geological Survey (USGS) under a cooperatively funded program between the District and the USGS. Streamflow is recorded daily as water elevations at 12 gauging stations in three regions of the District (see index map in the Appendix). The USGS uses rating curves developed from water level elevations to calculate streamflow discharge in units of cubic feet per second (cfs). For this report, the reported streamflow values are the means of the daily discharge volumes for the current month. The period-of-record high and low values correspond to monthly means and not to peak events. Percentile values are calculated from the monthly means for the period of record, for each station. The percentile is the monthly mean statistically ranked on a scale of zero to 100 that indicates the percent of the period-of-record monthly means that are at or above the present monthly median. The zero percentile indicates a new period-of-record low and the 100th percentile is a new record high level. The current year's data are provisional and are subject to revision. Revised data are used for all calculations, as they become available.

Hydrographs are produced for each of the stream stations. Current monthly means for each station are compared to respective 25th and 75th percentiles of the period-of-record monthly means, reflecting the normal range of readings for the month.

Compared to July data, seven of the 12 stations monitored for this report recorded decreased streamflow, while five recorded increased streamflow.

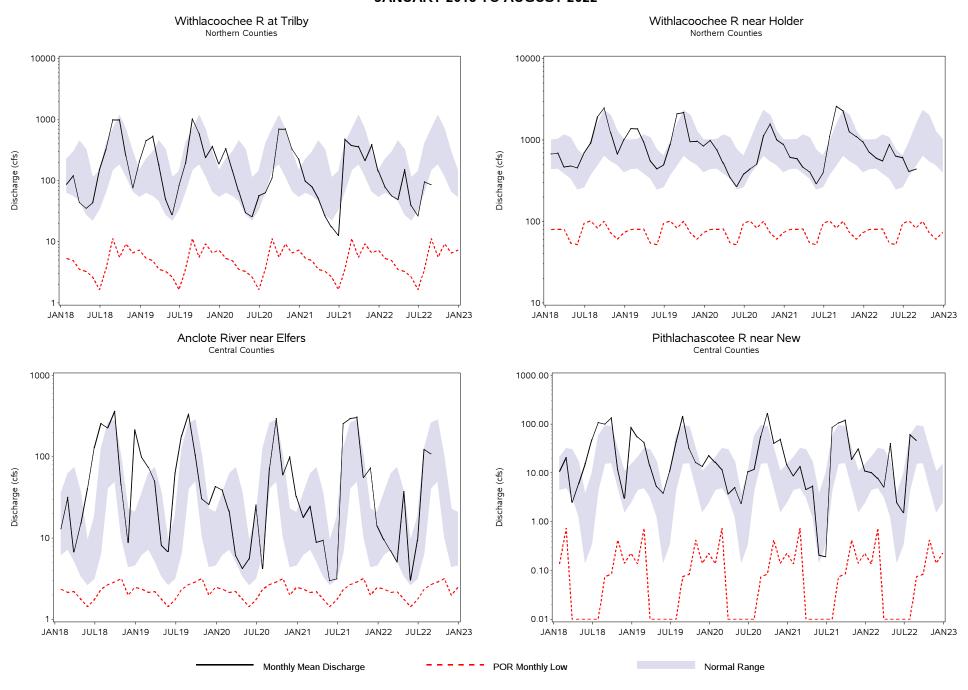
Compared to August 2021 data, all 12 stations recorded streamflow decreases.

historical August discharge values, Withlacoochee River Compared to streamflow, measured at the Trilby station and the Holder station averaged in the 18th and 22nd percentiles, respectively. Streamflow measured at the stations on the Anclote, Pithlachascotee and Hillsborough Rivers averaged in the 46th ,62nd and 12th percentiles of respective historical August readings. Streamflow measured at the Alafia River, Little Manatee River and Peace River at Bartow stations averaged in the 14th, 18th and 29th percentiles of respective historical August readings. Additionally, streamflow measured at the Josephine Creek, Manatee River, Myakka River and Peace River at Arcadia stations averaged in the 6th, 17th, 2nd and 18th percentiles of respective historical August readings.

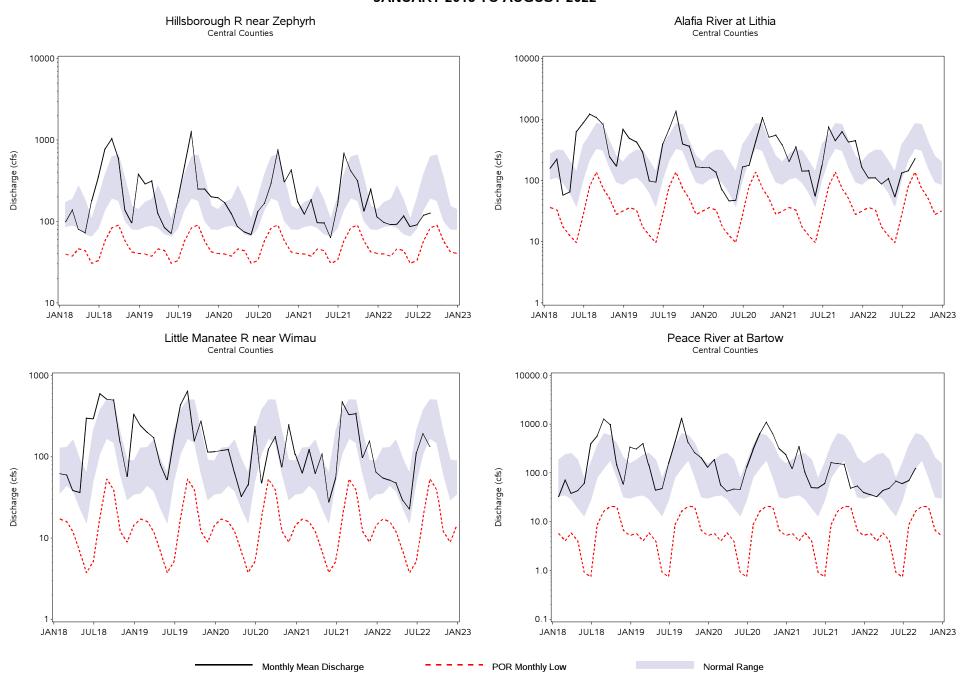
SUMMARY OF STREAM DISCHARGE FROM MAJOR STREAMS (CFS), AUGUST 2022

| NORTHERN COUNTIES | Beginning | Mean | Mean | Mean | Change | Change | AUG 2022 | Period of | Record | Period of | Record |
|---|--------------------------------------|---|--|--|--|--|--|---|--|---|--|
| | Year of | Discharge | Discharge | Discharge | from | from | Percentile | Record | Low | Record | High |
| | Record | AUG 2022 | JUL 2022 | AUG 2021 | JUL 2022 | AUG 2021 | Rank | Low | Date | High | Date |
| Withlacoochee R at Trilby Withlacoochee R near Holder | 1928 | 86.4 | 95.8 | 378.8 | -9.4 | -292.4 | 18% | 0.1 | JUN2000 | 8840 | JUN1934 |
| | 1928 | 441.1 | 410.4 | 2600.6 | 30.7 | -2159.5 | 22% | 33.0 | MAR2001 | 8660 | APR1960 |
| CENTRAL COUNTIES | | | | | | | | | | | |
| Anclote River near Elfers Pithlachascotee R near New Hillsborough R near Zephyrh Alafia River at Lithia Little Manatee R near Wimau Peace River at Bartow | 1946 1963 1939 1932 1939 | 108.7 47.2 126.8 230.4 134.4 124.2 | 122.9 61.0 118.8 146.2 191.9 70.3 | 295.9 106.2 420.2 453.0 329.7 156.7 | -14.2 -13.8 8.0 84.2 -57.5 53.9 | -187.2 -59.0 -293.4 -222.6 -195.3 -32.5 | 46% 62% 12% 14% 18% 29% | 0.8 0.0 27.0 4.1 0.9 0.0 | MAY1962 JUN2021 MAY2001 JUN2000 DEC1976 MAY2009 | 3710 2180 12300 40800 11100 4100 | JUL1960 JUN2012 MAR1960 SEP1933 SEP1960 SEP1947 |
| SOUTHERN COUNTIES | | | | | | | | | | | |
| Josephine Cr near DeSoto Ci | 1946 | 17.0 | 18.6 | 102.9 | -1.6 | -85.9 | 6% | 0.5 | MAY1956 | 1680 | SEP1948 |
| Manatee River near Myakka H | 1966 | 74.4 | 39.3 | 132.5 | 35.1 | -58.1 | 17% | 0.1 | MAY1975 | 6440 | JUN2003 |
| Myakka River near Sarasota | 1936 | 67.9 | 86.6 | 632.4 | -18.7 | -564.5 | 2% | 0.0 | JUN2012 | 10800 | JUN2003 |
| Peace River at Arcadia | 1931 | 667.2 | 746.4 | 1044.8 | -79.2 | -377.6 | 18% | 5.6 | MAY2000 | 34700 | SEP1933 |

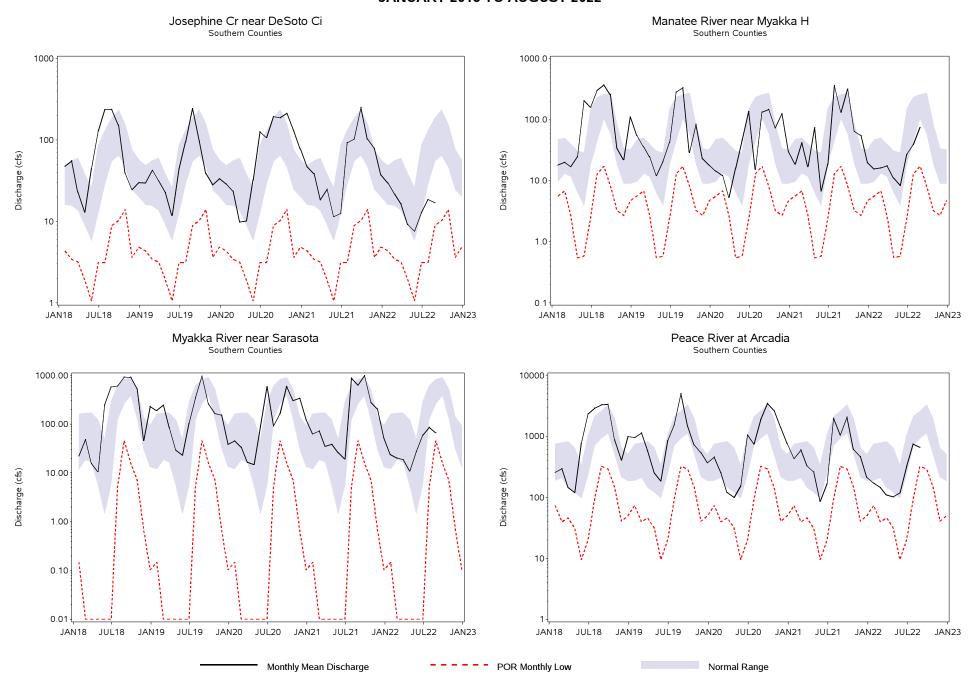
HYDROGRAPHS OF MAJOR STREAMS JANUARY 2018 TO AUGUST 2022



HYDROGRAPHS OF MAJOR STREAMS JANUARY 2018 TO AUGUST 2022



HYDROGRAPHS OF MAJOR STREAMS JANUARY 2018 TO AUGUST 2022



Springs

The District processes springflow data collected by Tampa Bay Water through a mutual agreement and by the U.S. Geological Survey (USGS) under a cooperatively funded program between the District and the USGS. Springflow is monitored at six gauging stations in two regions of the District (see index map in the Appendix). Springflow data for Rainbow, Silver and Sulphur Springs are recorded as daily water levels. The USGS uses rating curves developed for these springs from historical water level elevations to calculate springflow discharge in units of cubic feet per second (cfs). Weeki Wachee Springs discharge (cfs) is provided as an instantaneous reading calculated by the USGS. Buckhorn and Lithia Springs discharge is obtained from Tampa Bay Water biweekly and weekly, respectively. Period-of-record high and low values correspond to monthly theoretical means and not to peak events. Values are reported as percentiles calculated from an analysis of historical monthly means recorded during a given month. The percentile is the monthly mean ranked on a scale of zero to 100, where the normal range is defined by flows between the 25th to 75th percentiles. The zero percentile indicates a new period-of-record low and the 100th percentile is a new record high. The values reported are provisional and are subject to revision at the end of the water year.

Compared to July data, four of the six stations monitored for this report recorded increased springflow, while two recorded decreased springflow.

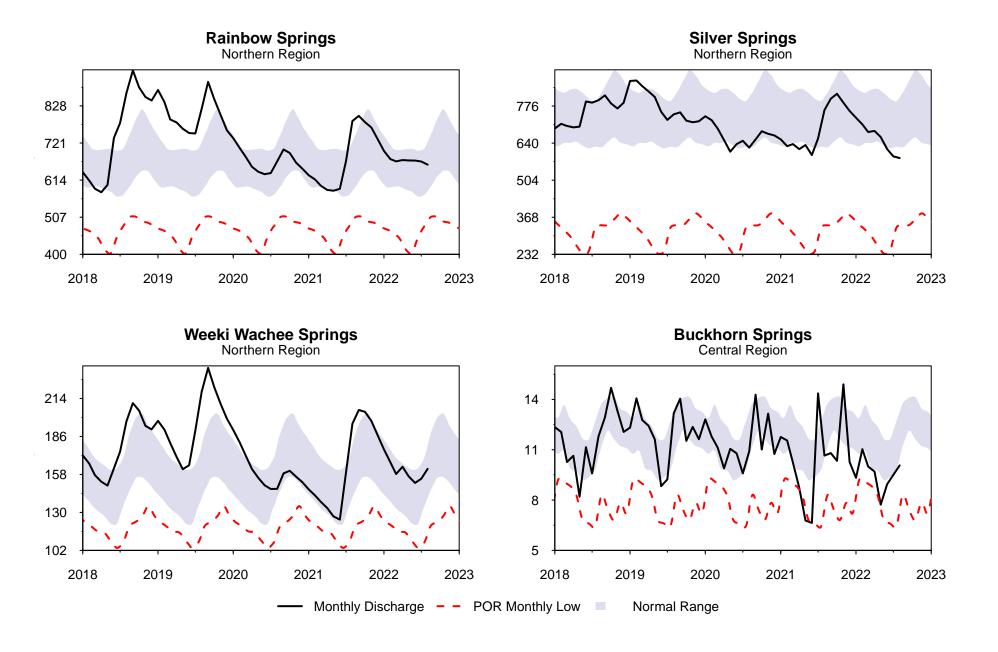
Compared to August 2021 data, all six stations recorded decreased springflow

Compared to historical period-of-record values for August, total springflow measured in Rainbow, Silver and Weeki Wachee Springs, in the northern region, was in the 47th, 17th and 56th percentiles, respectively, of historical August readings. Springflow measured in Sulphur, Buckhorn and Lithia Springs in the central region, was in the 11th, 11th and 60th percentiles, respectively, of historical August readings.

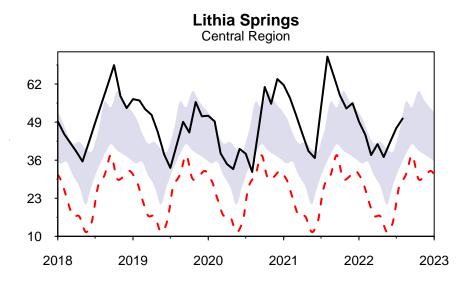
SUMMARY OF SPRINGS DISCHARGE FROM MAJOR SPRINGS (CFS), AUGUST 2022

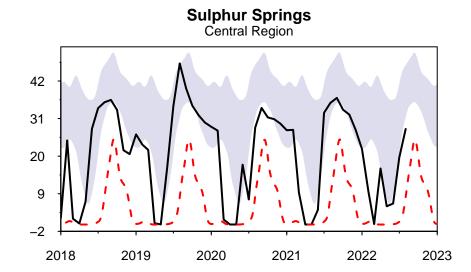
| NORTHERN COUNTIES | AUG 2022 Discharge | JUL 2022 Discharge | AUG 2021 Discharge | Change From JUL 2022 | Change From AUG 2021 | AUG 2022 Percentile Rank | Period of Record Low | Record Low Date | Period of Record High | Record High Date |
|----------------------|-----------------------|-----------------------|-----------------------|----------------------------|----------------------------|--------------------------------|----------------------------|-----------------------|-----------------------------|------------------------|
| Rainbow Springs | 658.8 | 667.6 | 784.4 | -8.8 | -125.6 | 47% | 391.0 | MAY2012 | 1060.0 | SEP1988 |
| Silver Springs | 585.5 | 591.5 | 761.0 | -6.0 | -175.5 | 17% | 141.0 | JUN2012 | 1290.0 | OCT1960 |
| Weeki Wachee Springs | 162.4 | 154.8 | 195.4 | 7.6 | -33.0 | 56% | 101.0 | JUN1994 | 257.0 | OCT2004 |
| CENTRAL COUNTIES | | | | | | | | | | |
| Sulphur Springs | 28.0 | 19.7 | 35.6 | 8.3 | -7.6 | 11% | 0.0 | JUL2022 | 145.0 | MAR1960 |
| Buckhorn Springs | 10.1 | 9.5 | 10.7 | 0.6 | -0.6 | 11% | 2.2 | MAY2006 | 32.7 | AUG2004 |
| Lithia Springs | 50.2 | 46.9 | 71.3 | 3.3 | -21.1 | 60% | 6.2 | OCT2012 | 91.5 | NOV2004 |

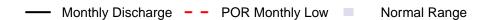
HYDROGRAPHS OF REGIONAL SPRINGS JANUARY 2018 to AUGUST 2022



HYDROGRAPHS OF REGIONAL SPRINGS JANUARY 2018 to AUGUST 2022







GROUNDWATER

The groundwater section of this report provides groundwater level information for the Upper Floridan Aquifer (UFA) located within the District. As earlier indicated, the District is divided into three geographical regions defined by county boundaries (see index maps in the Appendix). In the northern counties, the UFA is generally at or near land surface, allowing rainfall to easily recharge (replenish) the aquifer system. In the central counties, the UFA can be unconfined or confined (overlain by thick clays). Where the UFA is confined, recharge to the aquifer from rainfall is low. In the southern counties, the UFA is confined.

Eighty-two UFA monitor wells are measured for this report to determine the relative health of groundwater levels District-wide. Only monitor wells with an adequate and reliable period-of-record of water level measurements were selected for the network. For each well, the 25th and 75th percentiles ("low normal" and "high normal," respectively) were calculated for each week of the year using the period-of-record data. The 25th and 75th percentiles are used to represent the lower and upper limits of the normal range, as they are considered a reliable and robust measure of the normal range and are less affected by extremes in the data record. The end-of month water-level readings measured for this report are compared to their corresponding normal ranges. Trend data from 16 wells are shown in hydrographs to compare current water levels to the low normal and high normal levels. Data from all 82 wells is further compiled into regional statistics for the three regions of the District. There are 20 wells located in the northern counties, 32 wells located in the central counties and 30 wells located in the southern counties, that are currently used for determining the regional percentiles. The potentiometric levels of representative Floridan aquifer wells are used to produce the potentiometric surface maps presented in this report.

Upper Floridan Aquifer

Since July, 71 of the 82 wells monitored for this report recorded water level increases, while 11 recorded decreases. Regionally, average water levels increased in the northern, central and southern counties by 0.56, 0.93 and 0.85 foot, respectively. District-wide, the average water level in the UFA increased by 0.81 foot.

Compared to August 2021 data, 69 of the 82 wells monitored for this report recorded water level decreases, while 12 recorded increases. Regionally, the mean water level in the northern, central and southern counties was lower by 1.75, 1.30 and 1.25 feet, respectively. District-wide, average water levels in UFA wells were 1.39 feet lower than August 2021 levels.

In August, groundwater data showed that average regional levels in the UFA ended the month within the normal range in all three regions of the District. The groundwater level in the northern, central and southern counties ended the month at the 64th, 51st and 41st percentiles, respectively.

Record High Water Levels

During August 2022, a "record high" monthly water level for the historic August readings was set in the ROMP 111 well (northern counties) and ROMP TR 10-2 well (central counties).

SUMMARY OF UPPER FLORIDAN AQUIFER LEVELS IN REPRESENTATIVE WELLS, AUGUST 2022

All elevations are referenced to the NGVD29 datum (feet). "M" indicates missing or undetermined value.

Regional Summary

| Region | AUG 2022 Elevation | AUG 2022 vs. Historic AUG Median | AUG 2022 vs. Historic AUG 25th Percentile | AUG 2022 Percentile Rank | JUL 2022 Percentile Rank | AUG 2021 Percentile Rank |
|----------|--------------------|-------------------------------------|--|-----------------------------|-----------------------------|-----------------------------|
| Northern | 39.27 | 1.02 | 2.18 | 64 | 65 | 84 |
| Central | 62.12 | 0.20 | 2.42 | 51 | 52 | 63 |
| Southern | 35.94 | -0.35 | 1.19 | 41 | 53 | 64 |

Regional Wells Summary

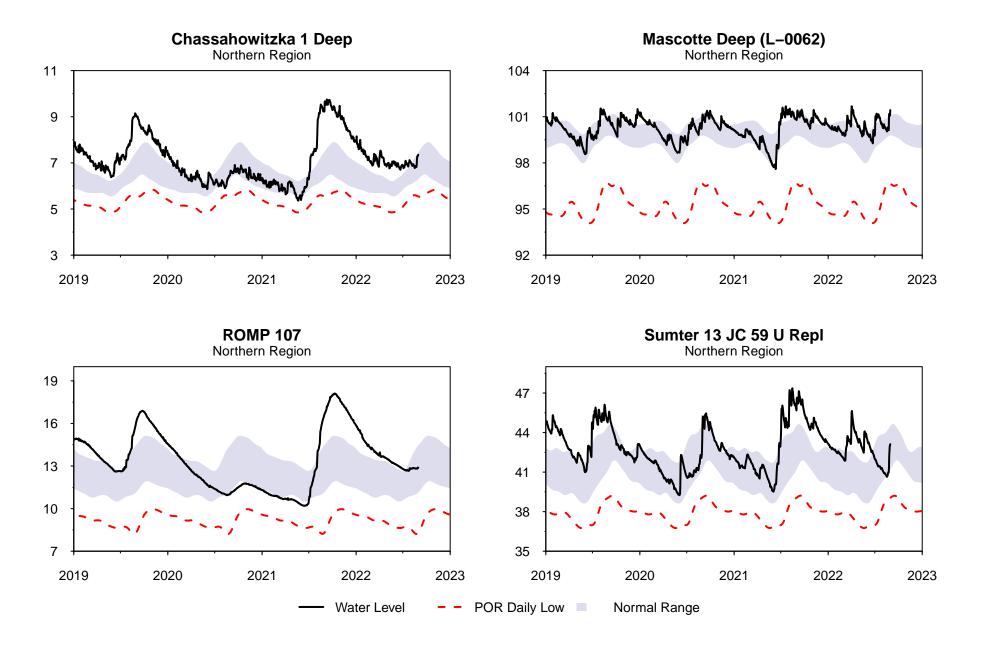
| NORTHERN COUNTIES | AUG 2022 Elev | JUL 2022 Elev | AUG 2021 Elev | Change from JUL 2022 | Change from AUG 2021 | AUG Historical Low Normal | AUG Historical High Normal | Departure from Low Normal | AUG 2022 Percentile Rank | Period of Record Low | Record Low Date | Period of Record High | Record High Date |
|---------------------------|------------------|------------------|------------------|----------------------------|----------------------------|------------------------------------|-------------------------------------|---------------------------------|--------------------------------|----------------------------|--------------------|-----------------------------|---------------------|
| CE 14 Dunnellon Deep | 40.93 | 41.46 | 46.48 | -0.53 | -5.55 | 38.16 | 43.95 | 2.77 | 69% | 31.94 | MAY 2012 | 50.74 | MAR 1998 |
| Chassahowitzka 1 Deep | 7.35 | 7.05 | 9.24 | 0.30 | -1.89 | 6.31 | 7.25 | 1.04 | 77% | 4.72 | JUN 2001 | 9.75 | SEP 2021 |
| Inverness DOT | 32.66 | 32.43 | 35.11 | 0.23 | -2.45 | 27.97 | 31.90 | 4.69 | 78% | 21.70 | JUN 2001 | 37.80 | OCT 1982 |
| Mascotte Deep (L-0062) | 101.43 | 100.35 | 100.83 | 1.08 | 0.60 | 99.74 | 101.00 | 1.69 | 86% | 93.94 | JUN 2000 | 102.66 | SEP 1988 |
| North Lecanto Deep | 5.03 | 5.05 | 7.36 | -0.02 | -2.33 | 4.49 | 5.71 | 0.54 | 46% | 2.94 | MAY 2001 | 8.10 | OCT 1982 |
| ROMP 103 | 40.66 | 40.72 | 43.59 | -0.06 | -2.93 | 40.80 | 43.59 | -0.14 | 12% | 37.53 | JUN 2017 | 46.62 | SEP 2018 |
| ROMP 107 | 12.88 | 12.78 | 16.58 | 0.10 | -3.70 | 11.12 | 14.44 | 1.76 | 58% | 8.08 | AUG 2007 | 19.78 | NOV 1982 |
| ROMP 111 | 52.09 | 49.88 | 51.59 | 2.21 | 0.50 | 48.80 | 50.81 | 3.29 | 100% | 44.22 | JUL 1992 | 53.33 | SEP 2004 |
| ROMP 116 | 34.80 | 33.17 | 35.96 | 1.63 | -1.16 | 32.01 | 35.46 | 2.79 | 68% | 29.24 | MAY 2012 | 39.28 | OCT 2004 |
| ROMP 119 Sulfate | 44.24 | 43.89 | 47.58 | 0.35 | -3.34 | 43.17 | 46.45 | 1.07 | 42% | 39.86 | MAY 2012 | 50.98 | OCT 2004 |
| ROMP 120 | 43.90 | 43.84 | 46.88 | 0.06 | -2.98 | 42.02 | 45.07 | 1.88 | 55% | 38.71 | MAY 2012 | 52.24 | MAR 1998 |
| ROMP 134 (Ocal-Avpk-Oldm) | 49.75 | 49.40 | 51.82 | 0.35 | -2.07 | 43.45 | 48.14 | 6.30 | 81% | 37.80 | JUN 2012 | 57.35 | APR 1998 |
| ROMP 89 | 93.79 | 92.76 | 92.42 | 1.03 | 1.37 | 90.66 | 92.96 | 3.13 | 91% | 82.46 | JUN 2000 | 94.93 | DEC 1997 |
| ROMP 97 | 18.62 | 18.64 | 20.16 | -0.02 | -1.54 | 16.44 | 20.39 | 2.18 | 64% | 11.84 | MAY 2009 | 26.24 | SEP 2004 |
| ROMP TR 124 (Avpk) 2 | 3.60 | 3.90 | 4.32 | -0.30 | -0.72 | 3.16 | 4.24 | 0.44 | 54% | 0.77 | SEP 2004 | 5.66 | DEC 2018 |
| ROMP TR 21-2 Chloride | 3.66 | 3.64 | 4.13 | 0.02 | -0.47 | 2.84 | 3.71 | 0.82 | 74% | 1.25 | MAR 1991 | 6.12 | OCT 1995 |
| Sumter 13 JC 59 U Repl | 43.12 | 41.15 | 45.76 | 1.97 | -2.64 | 40.82 | 44.36 | 2.30 | 51% | 36.52 | MAY 2012 | 47.36 | AUG 2021 |
| Tidewater 1 | 54.98 | 54.78 | 56.71 | 0.20 | -1.73 | 53.52 | 57.33 | 1.46 | 49% | 48.05 | JUN 2012 | 61.81 | SEP 1982 |
| Webster City | 85.50 | 83.63 | 84.86 | 1.87 | 0.64 | 81.14 | 84.81 | 4.36 | 85% | 74.16 | MAY 2012 | 88.77 | SEP 2005 |
| Weeki Wachee Repl | 16.50 | 15.86 | 19.09 | 0.64 | -2.59 | 15.19 | 19.15 | 1.31 | 36% | 10.37 | MAY 2009 | 23.61 | AUG 1984 |

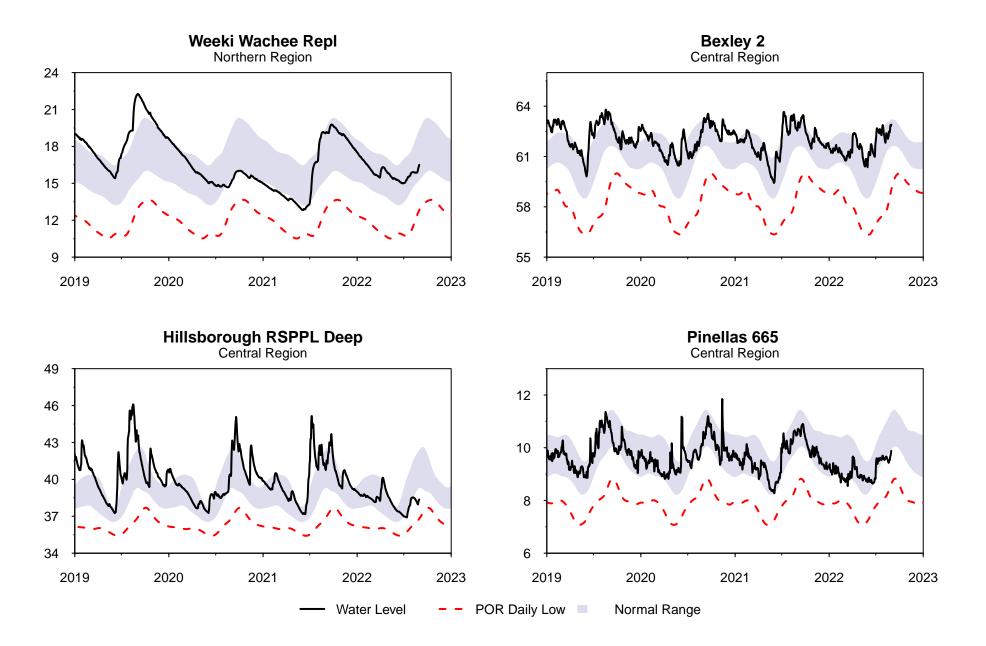
Regional Wells Summary (continued)

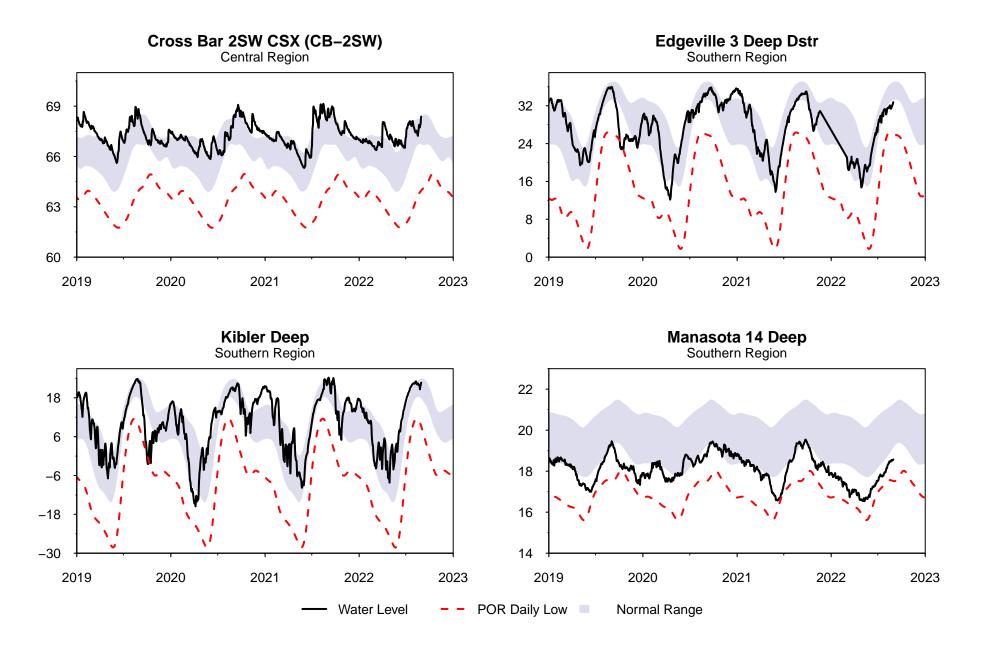
| CENTRAL COUNTIES | AUG 2022 Elev | JUL 2022 Elev | AUG 2021 Elev | Change from JUL 2022 | Change from AUG 2021 | AUG Historical Low Normal | AUG Historical High Normal | Departure from Low Normal | AUG 2022 Percentile Rank | Period of Record Low | Record Low Date | Period of Record High | Record High Date |
|---------------------------------|------------------|------------------|------------------|----------------------------|----------------------------|------------------------------------|-------------------------------------|---------------------------------|--------------------------------|----------------------------|--------------------|-----------------------------|---------------------|
| Bexley 2 | 62.90 | 62.49 | 62.54 | 0.41 | 0.36 | 61.53 | 63.10 | 1.37 | 68% | 56.08 | JUN 2000 | 64.50 | SEP 2017 |
| Coley Deep | 86.17 | 84.75 | 87.29 | 1.42 | -1.12 | 82.98 | 87.45 | 3.19 | 63% | 60.77 | JAN 2010 | 90.99 | OCT 2004 |
| Cross Bar 2SW CSX (CB-2SW) | 68.38 | 67.82 | 68.28 | 0.56 | 0.10 | 66.73 | 68.56 | 1.65 | 72% | 61.00 | JAN 2008 | 70.30 | JAN 1998 |
| Debuel Road Deep | 53.23 | 53.58 | 54.86 | -0.35 | -1.63 | 53.80 | 56.91 | -0.57 | 14% | 46.48 | APR 2002 | 60.13 | SEP 1979 |
| DV-1 (Swnn) | 59.20 | 59.08 | 62.03 | 0.12 | -2.83 | 57.74 | 61.58 | 1.46 | 51% | 12.06 | JAN 2010 | 65.72 | FEB 1998 |
| Hillsborough RSPPL Deep | 38.37 | 38.49 | 40.92 | -0.12 | -2.55 | 39.53 | 42.42 | -1.16 | 16% | 35.35 | JUN 2000 | 47.42 | DEC 1997 |
| Lake Alfred Deep nr Lake Alfred | 128.71 | 127.97 | 128.44 | 0.74 | 0.27 | 127.55 | 129.04 | 1.16 | 69% | 119.85 | MAY 1974 | 131.18 | MAR 1998 |
| Loughman Deep | 91.38 | 90.18 | 90.31 | 1.20 | 1.07 | 90.27 | 91.70 | 1.11 | 67% | 85.90 | MAY 2001 | 93.23 | OCT 1979 |
| Lykes Pasco | 66.54 | 66.04 | 68.70 | 0.50 | -2.16 | 64.37 | 68.52 | 2.17 | 44% | 56.94 | JUN 2000 | 75.78 | OCT 2004 |
| Masaryktown Deep | 34.27 | 34.33 | 35.80 | -0.06 | -1.53 | 26.64 | 37.82 | 7.63 | 63% | 21.89 | AUG 1994 | 50.09 | OCT 1982 |
| Moon Lake Deep | 32.53 | 31.92 | 32.08 | 0.61 | 0.45 | 31.35 | 32.43 | 1.18 | 82% | 26.15 | JUN 2000 | 34.89 | AUG 2015 |
| Pasco 13 nr Drexel | 71.69 | 71.70 | 73.63 | -0.01 | -1.94 | 72.80 | 74.76 | -1.11 | 8% | 68.00 | JUN 2001 | 77.14 | JUL 1960 |
| Pinellas 665 | 9.88 | 9.56 | 10.57 | 0.32 | -0.69 | 9.85 | 11.12 | 0.03 | 26% | 6.70 | MAY 2006 | 14.79 | SEP 1959 |
| ROMP 123 Htrn AS/U Aq | 22.80 | 22.25 | 24.14 | 0.55 | -1.34 | 17.09 | 24.62 | 5.72 | 46% | -29.47 | MAY 2000 | 33.56 | FEB 1998 |
| ROMP 40 | 46.66 | 45.52 | 50.99 | 1.14 | -4.33 | 44.14 | 49.84 | 2.52 | 43% | -4.15 | JUN 2000 | 57.37 | FEB 1998 |
| ROMP 45 (Avpk) | 75.61 | 73.40 | 77.83 | 2.21 | -2.22 | 70.44 | 77.72 | 5.17 | 65% | 33.90 | JUN 2000 | 84.44 | OCT 2004 |
| ROMP 48 (Tmpa-Swnn) | 43.83 | 40.77 | 45.49 | 3.06 | -1.66 | 39.48 | 45.42 | 4.35 | 63% | -7.87 | MAY 2000 | 52.64 | FEB 1998 |
| ROMP 50 (Avpk) Chloride | 10.03 | 8.59 | 10.37 | 1.44 | -0.34 | 6.11 | 10.11 | 3.92 | 73% | -17.42 | FEB 2018 | 14.95 | AUG 1982 |
| ROMP 58 | 99.03 | 97.80 | 104.23 | 1.23 | -5.20 | 103.59 | 106.40 | -4.56 | 4% | 89.38 | JAN 2010 | 111.01 | DEC 2005 |
| ROMP 59 Interface | 75.74 | 73.62 | 78.47 | 2.12 | -2.73 | 65.32 | 76.41 | 10.42 | 74% | 33.33 | MAY 1981 | 85.92 | OCT 2004 |
| ROMP 60 (Avpk) Repl | 75.74 | 73.68 | 78.12 | 2.06 | -2.38 | 75.46 | 80.38 | 0.28 | 27% | 51.29 | MAY 2012 | 83.25 | SEP 2018 |
| ROMP 66 | 19.20 | 19.56 | 21.44 | -0.36 | -2.24 | 19.18 | 21.75 | 0.02 | 26% | 13.02 | JUN 2000 | 25.47 | AUG 2015 |
| ROMP 76 | 129.18 | 128.56 | 129.36 | 0.62 | -0.18 | 127.88 | 130.74 | 1.30 | 41% | 121.88 | JAN 2010 | 132.92 | SEP 2004 |
| ROMP 87 (Avpk) | 102.84 | 102.42 | 104.48 | 0.42 | -1.64 | 102.95 | 104.72 | -0.11 | 24% | 94.90 | JUN 2000 | 106.30 | FEB 1998 |
| ROMP 88 (Avpk) | 105.65 | 104.06 | 104.55 | 1.59 | 1.10 | 104.69 | 106.01 | 0.96 | 58% | 97.42 | JUN 2000 | 107.21 | SEP 2017 |
| ROMP 93 | 74.92 | 73.51 | 75.87 | 1.41 | -0.95 | 66.68 | 74.05 | 8.24 | 87% | 59.03 | JUN 2001 | 76.56 | AUG 2018 |
| ROMP TR 10-2 | 12.85 | 12.43 | 12.85 | 0.42 | 0.00 | 10.51 | 11.95 | 2.34 | 100% | 6.25 | MAY 2000 | 14.00 | SEP 2004 |
| ROMP TR 13-3 | 15.58 | 15.12 | 15.36 | 0.46 | 0.22 | 15.62 | 16.95 | -0.04 | 24% | 10.95 | JUL 1987 | 18.79 | AUG 2015 |
| Sanlon Ranch | 96.76 | 95.06 | 99.07 | 1.70 | -2.31 | 89.34 | 97.49 | 7.42 | 69% | 66.38 | MAY 1975 | 105.27 | OCT 2004 |
| SR 52 and CR 581 Deep | 76.10 | 74.20 | 76.90 | 1.90 | -0.80 | 68.94 | 76.34 | 7.16 | 71% | 56.96 | JUN 2001 | 79.44 | AUG 1965 |
| SR 577 Deep | 91.67 | 89.73 | 93.71 | 1.94 | -2.04 | 87.57 | 93.72 | 4.10 | 54% | 72.76 | JUN 2000 | 98.51 | MAR 1998 |
| Tarpon Road Deep | 10.37 | 9.90 | 10.76 | 0.47 | -0.39 | 10.33 | 11.42 | 0.04 | 27% | 7.50 | JUN 2006 | 13.48 | AUG 2015 |

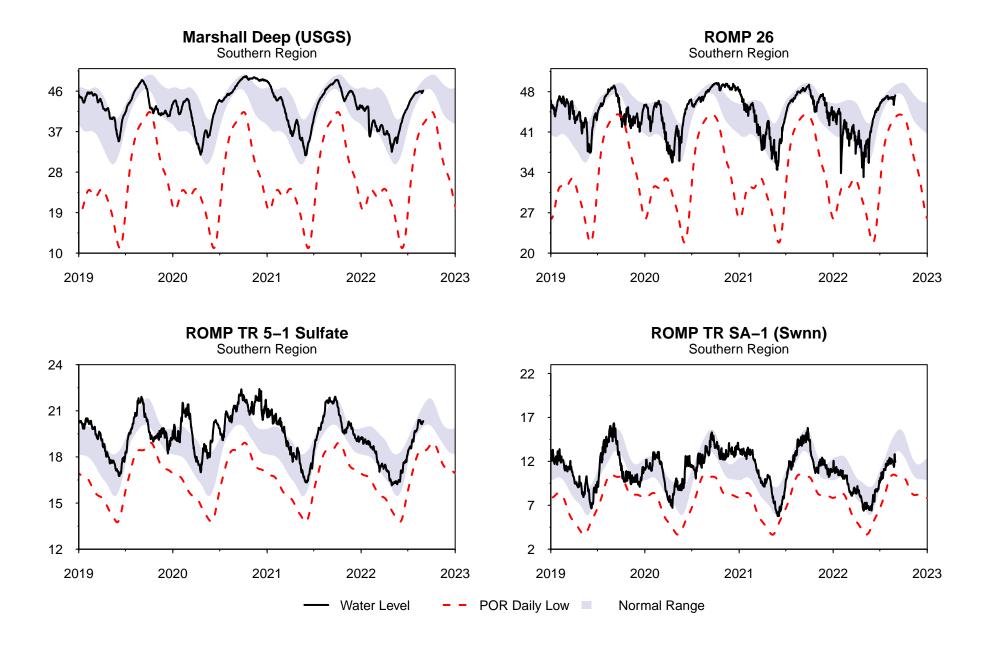
Regional Wells Summary (continued)

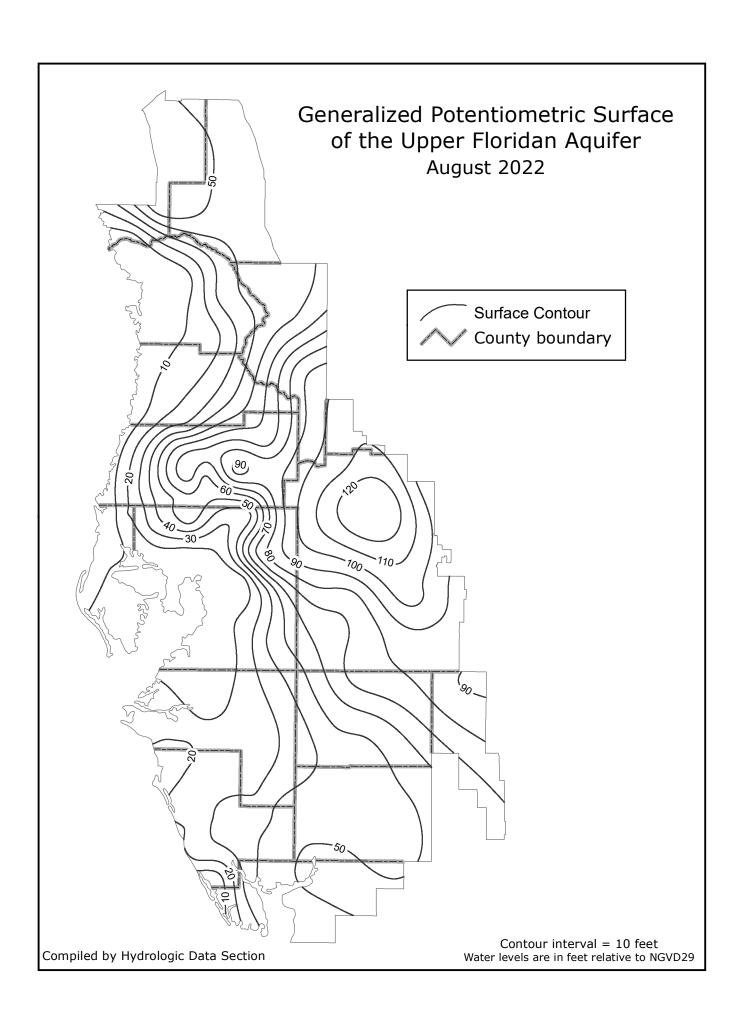
| SOUTHERN COUNTIES | AUG 2022 Elev | JUL 2022 Elev | AUG 2021 Elev | Change from JUL 2022 | Change from AUG 2021 | AUG Historical Low Normal | AUG Historical High Normal | Departure from Low Normal | AUG 2022 Percentile Rank | Period of Record Low | Record Low Date | Period of Record High | Record High Date |
|-----------------------------|------------------|------------------|------------------|----------------------------|----------------------------|------------------------------------|-------------------------------------|---------------------------------|--------------------------------|----------------------------|--------------------|-----------------------------|---------------------|
| Big Slough Deep | 34.36 | 33.69 | 34.49 | 0.67 | -0.13 | 33.95 | 34.94 | 0.41 | 38% | 26.85 | MAY 2006 | 36.12 | OCT 1995 |
| Cargill FA-1 | 74.04 | 71.87 | 76.26 | 2.17 | -2.22 | 68.21 | 75.89 | 5.83 | 67% | 30.50 | MAY 1981 | 82.95 | OCT 2004 |
| Edgeville 3 Deep Dstr | 32.74 | 31.08 | 34.02 | 1.66 | -1.28 | 33.16 | 36.83 | -0.42 | 20% | 1.13 | MAY 2000 | 41.26 | OCT 1979 |
| Englewood 14 Deep | 5.16 | 4.76 | 8.89 | 0.40 | -3.73 | 4.83 | 8.49 | 0.33 | 28% | -0.97 | FEB 2001 | 10.51 | SEP 2003 |
| Kibler Deep | 22.68 | 22.47 | 22.91 | 0.21 | -0.23 | 16.81 | 23.86 | 5.87 | 66% | -29.95 | MAY 2000 | 35.91 | JUL 2022 |
| Manasota 14 Deep | 18.57 | 17.95 | 19.44 | 0.62 | -0.87 | 19.20 | 21.26 | -0.62 | 9% | 15.46 | MAY 2017 | 22.70 | NOV 1971 |
| Marshall Deep (USGS) | 46.11 | 45.56 | 47.14 | 0.55 | -1.03 | 45.61 | 48.44 | 0.50 | 34% | 8.96 | JUN 2000 | 55.24 | MAR 1964 |
| ROMP 16 | 48.29 | 48.22 | 48.92 | 0.07 | -0.63 | 48.60 | 49.52 | -0.31 | 18% | 28.94 | JAN 2001 | 51.21 | SEP 1995 |
| ROMP 17 (Swnn) | 46.94 | 46.79 | 47.58 | 0.15 | -0.64 | 47.16 | 48.14 | -0.22 | 20% | 31.89 | JUN 2000 | 51.64 | OCT 1994 |
| ROMP 19 (Swnn) | 30.18 | 28.01 | 29.36 | 2.17 | 0.82 | 27.71 | 31.70 | 2.47 | 49% | 10.99 | JUN 2000 | 33.80 | SEP 2017 |
| ROMP 19X (Swnn) | 36.36 | 35.49 | 37.08 | 0.87 | -0.72 | 35.42 | 37.99 | 0.94 | 53% | 19.28 | JUN 2000 | 39.92 | OCT 1994 |
| ROMP 20 (Swnn) | 23.93 | 23.10 | 25.66 | 0.83 | -1.73 | 22.22 | 24.54 | 1.71 | 59% | 11.99 | MAY 2007 | 26.66 | SEP 2017 |
| ROMP 22 (Swnn) | 24.45 | 23.54 | 26.24 | 0.91 | -1.79 | 23.06 | 26.79 | 1.39 | 46% | -3.71 | MAY 2000 | 30.18 | FEB 1998 |
| ROMP 26 | 47.36 | 47.26 | 48.25 | 0.10 | -0.89 | 47.26 | 49.09 | 0.10 | 27% | 19.48 | JAN 2010 | 51.28 | OCT 1979 |
| ROMP 28X | 70.55 | 69.51 | 72.49 | 1.04 | -1.94 | 67.90 | 72.29 | 2.64 | 42% | 57.24 | JAN 2010 | 74.68 | OCT 1995 |
| ROMP 30 | 52.37 | 50.35 | 54.24 | 2.02 | -1.87 | 48.97 | 54.28 | 3.40 | 52% | -0.20 | JUN 2000 | 60.52 | MAR 1998 |
| ROMP 31 | 48.79 | 46.45 | 51.13 | 2.34 | -2.34 | 45.23 | 50.77 | 3.56 | 53% | -6.22 | JUN 2000 | 57.92 | MAR 1998 |
| ROMP 32 (Avpk) | 34.88 | 33.32 | 37.48 | 1.56 | -2.60 | 32.88 | 37.53 | 2.00 | 61% | -17.74 | JUN 2000 | 44.73 | FEB 1998 |
| ROMP 43XX | 89.48 | 88.46 | 90.88 | 1.02 | -1.40 | 86.57 | 91.16 | 2.91 | 56% | 70.93 | JAN 2010 | 94.60 | MAR 1998 |
| ROMP 9 (Swnn) | 43.11 | 42.81 | 43.75 | 0.30 | -0.64 | 43.59 | 44.00 | -0.48 | 7% | 37.00 | JAN 2001 | 46.35 | SEP 2006 |
| ROMP TR 1-2 | 45.77 | 45.54 | 46.12 | 0.23 | -0.35 | 45.69 | 46.21 | 0.08 | 27% | 40.72 | JUN 2000 | 47.22 | SEP 2015 |
| ROMP TR 3-1 | 34.76 | 34.56 | 35.20 | 0.20 | -0.44 | 34.30 | 35.17 | 0.46 | 44% | 29.04 | JUN 2000 | 35.99 | NOV 2020 |
| ROMP TR 5-1 Sulfate | 20.33 | 19.63 | 21.78 | 0.70 | -1.45 | 19.99 | 21.49 | 0.34 | 41% | 13.26 | JUN 2000 | 22.56 | SEP 2017 |
| ROMP TR 5-2 (Swnn) | 27.54 | 26.80 | 28.79 | 0.74 | -1.25 | 27.14 | 29.23 | 0.40 | 42% | 13.75 | MAY 2006 | 31.10 | OCT 1994 |
| ROMP TR 7-1 (L Arca Aq Int) | 22.01 | 20.93 | 23.19 | 1.08 | -1.18 | 19.78 | 21.59 | 2.23 | 84% | 10.01 | JUN 2000 | 24.23 | SEP 2017 |
| ROMP TR 7-4 (Swnn) | 20.45 | 19.87 | 21.24 | 0.58 | -0.79 | 18.45 | 21.23 | 2.00 | 63% | -3.55 | MAY 2000 | 24.35 | AUG 2019 |
| ROMP TR 8-1 (Swnn) | 21.60 | 20.85 | 22.08 | 0.75 | -0.48 | 19.80 | 21.34 | 1.80 | 81% | 6.60 | MAY 2000 | 23.21 | AUG 2019 |
| ROMP TR SA-1 (Swnn) | 11.95 | 12.04 | 14.78 | -0.09 | -2.83 | 13.52 | 14.93 | -1.57 | 10% | 2.89 | MAY 2017 | 22.04 | SEP 1999 |
| Sarasota Service Office | 20.16 | 19.12 | 22.40 | 1.04 | -2.24 | 21.94 | 28.24 | -1.78 | 8% | -3.24 | JUN 2000 | 35.21 | MAR 1931 |
| Verna Test 0-1 | 23.21 | 22.46 | 23.75 | 0.75 | -0.54 | 23.35 | 27.29 | -0.14 | 24% | -15.73 | MAY 2000 | 33.32 | JAN 1984 |

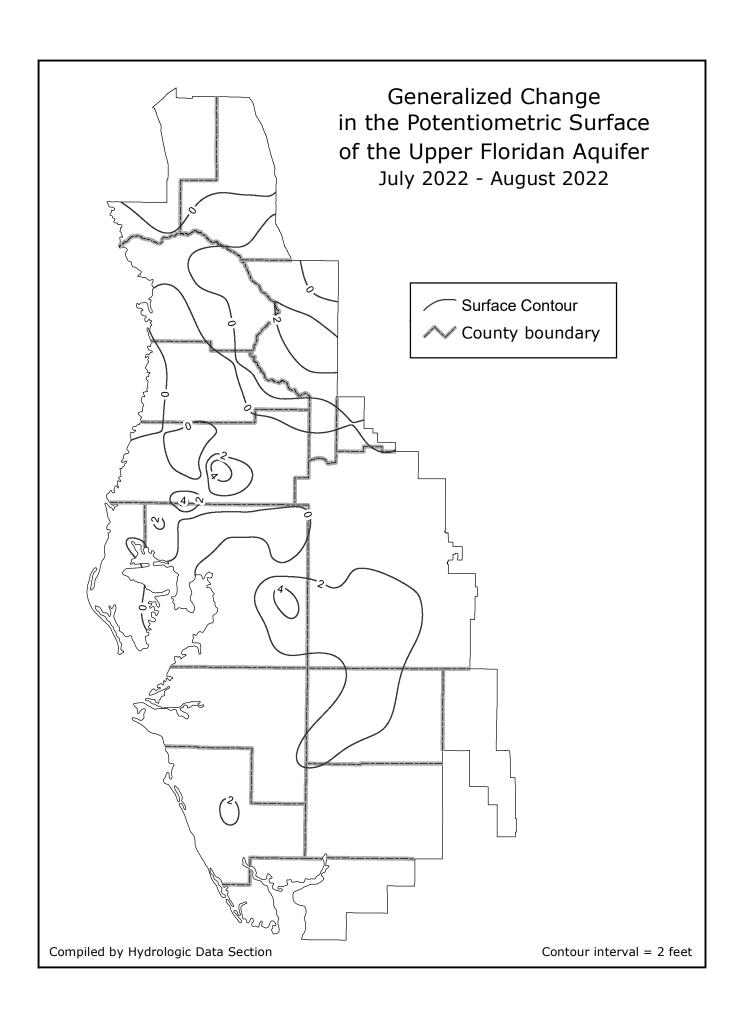


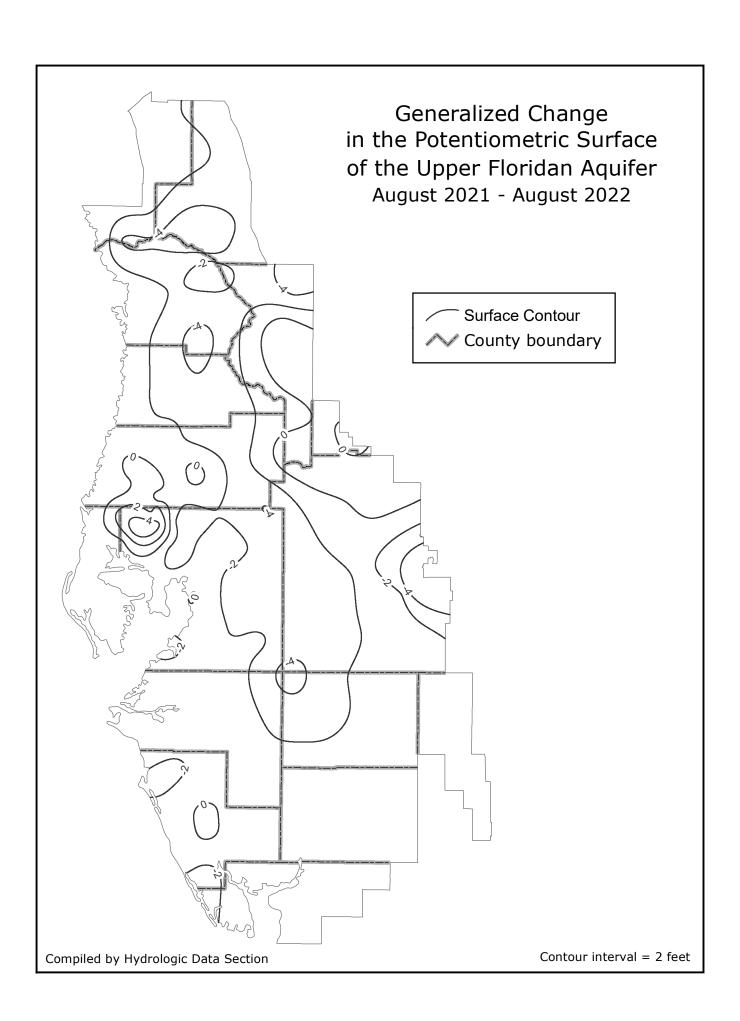












Regional Aquifer Resource Index

Aquifers are underground layers of rock and sand that hold water. In southwest Florida, more than 80 percent of the water supply comes from aquifers. The Regional Aquifer Resource Index (ARI) was created to provide information to the media, residents, local governments and other interested parties about current groundwater conditions and how they compare to historical records. The underlying purpose of this index is to provide the public with a gauge of groundwater conditions in their area, so they can develop an understanding of the severity and cycles of drought and recovery.

This ARI report reflects percentile values to compare current aquifer levels to historical levels during the same time of year on a scale of 0-100. For example, if the regional groundwater level is at the 50th percentile, it means that half of the historical groundwater levels for this time of year were higher and half were lower than the current level.

To determine the ARI percentile value for each geographic region (indicated below), the percentile values of the monitor wells located within that region are averaged. Monitor wells with an adequate and reliable period-of-record to calculate weekly percentiles were selected for the network. A total of 81 wells District-wide are used for the ARI Network (see index map in Appendix).

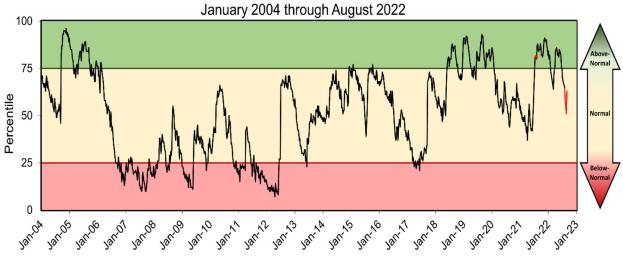
Weekly Aquifer Resource Index Level (Percentile)

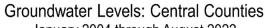
| Report Date | Northern Counties | Central Counties | Southern Counties |
|-------------|----------------------|---------------------|----------------------|
| 08/03/2022 | 64 | 51 | 54 |
| 08/07/2022 | 58 | 47 | 47 |
| 08/14/2022 | 55 | 42 | 48 |
| 08/21/2022 | 51 | 42 | 40 |
| 08/28/2022 | 63 | 50 | 40 |

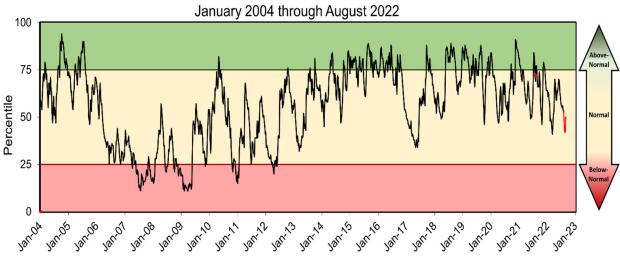
Note: Any regional percentile value that falls on or between the 25th and 75th percentile is considered "normal." Less than the 25th would be considered" below-normal," while above the 75th would be considered "above-normal."

REGIONAL AQUIFER RESOURCE INDEX August 2022

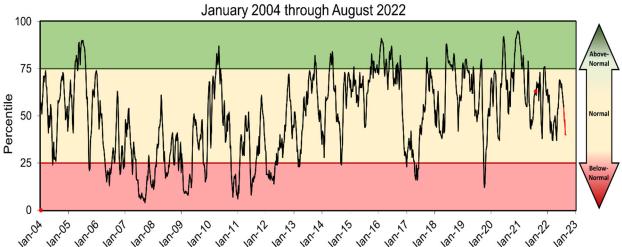
Groundwater Levels: Northern Counties







Groundwater Levels: Southern Counties



Reservoirs

Water-level data for the seven reservoirs are obtained weekly from the USGS, Manatee County Utilities Department, Peace River/Manasota Regional Water Supply Authority, or Tampa Bay Water. The last weekly water-level value of the month is indicated in this report. The values reported are provisional and subject to revision.

In August, four of the seven reservoirs monitored for this report recorded water-level increases, while three recorded decreases, compared to last month. The Evers, Peace River Nos. 1 and 2, and Shell Creek reservoirs posted water level increases of 0.09 foot, 0.40 foot and 6.10 feet, and 0.37 foot, respectively. The Hillsborough River, Lake Manatee and Bill Young reservoirs posted water level decreases of 1.49 feet, 0.46 foot and 0.76 foot, respectively, compared to last month.

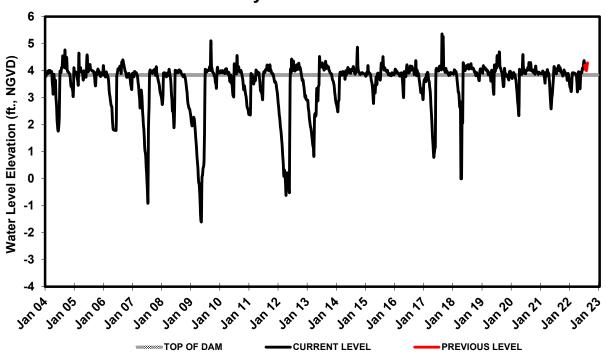
SUMMARY OF WATER LEVELS IN WATER SUPPLY RESERVOIRS (GAGE LEVEL, IN FEET)

| | | | | Change | Change |
|--------------------------|--------|--------|--------|------------|------------|
| | 2022 | 2022 | 2021 | from Prior | from Prior |
| RESERVOIR | July | August | August | Month | Year |
| Evers | | | | | |
| City of Bradenton | 4.20 | 4.29 | 4.19 | 0.09 | 0.10 |
| Hillsborough | | | | | |
| City of Tampa | 22.66 | 21.17 | 22.59 | -1.49 | -1.42 |
| Lake Manatee | | | | | |
| Manatee County | 39.51 | 39.02 | 37.60 | -0.49 | 1.42 |
| C.W. Bill Young Regional | | | | | |
| Tampa Bay Water | 123.84 | 123.08 | 135.33 | -0.76 | -12.25 |
| Peace River | | | | | |
| PRMRWSA Reservoir #1 | 24.50 | 24.90 | 24.80 | 0.40 | 0.10 |
| PRMRWSA Reservoir #2 | 55.50 | 61.60 | 61.40 | 6.10 | 0.20 |
| Shell Creek | | | | | |
| City of Punta Gorda | 5.59 | 5.96 | 5.24 | 0.37 | 0.72 |

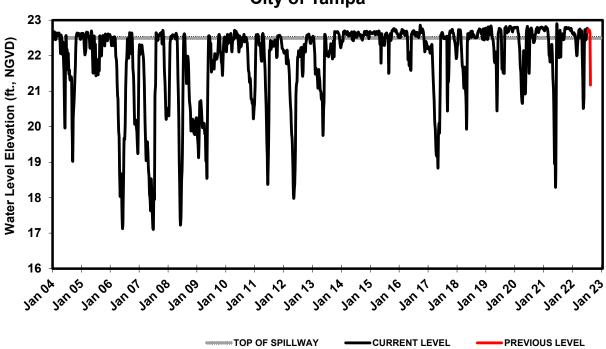
Reported data are provisional and subject to revision.

e = Estimated

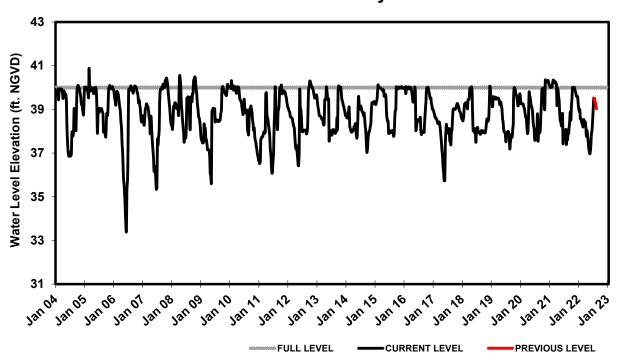
EVERS RESERVOIRCity of Bradenton



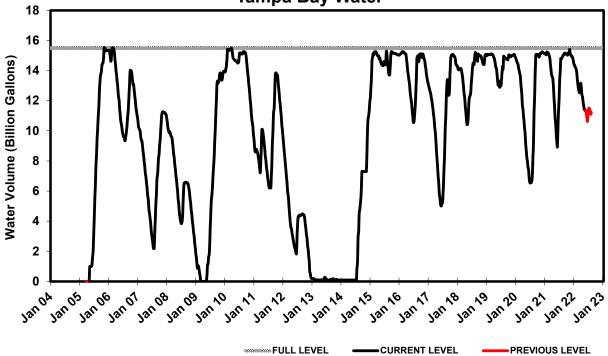
HILLSBOROUGH RESERVOIR City of Tampa



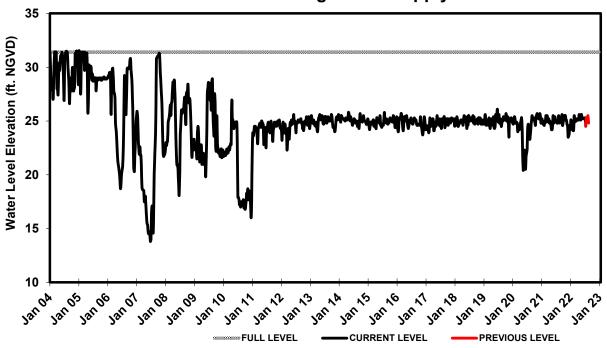
LAKE MANATEE RESERVOIR Manatee County



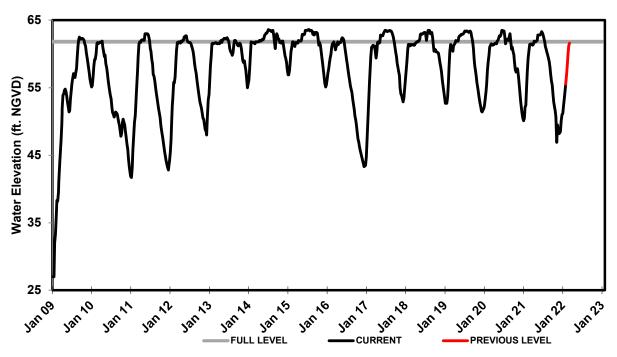




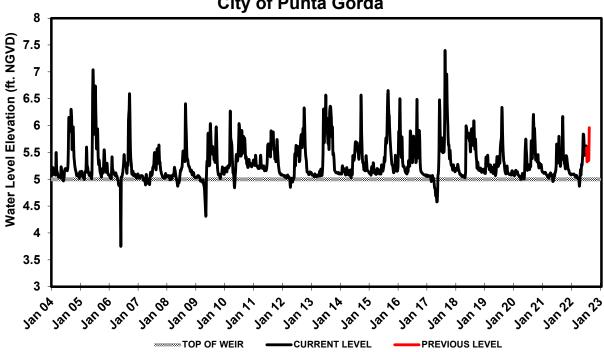
PEACE RIVER RESERVOIR No. 1 Peace/Manasota Reg. Water Supply

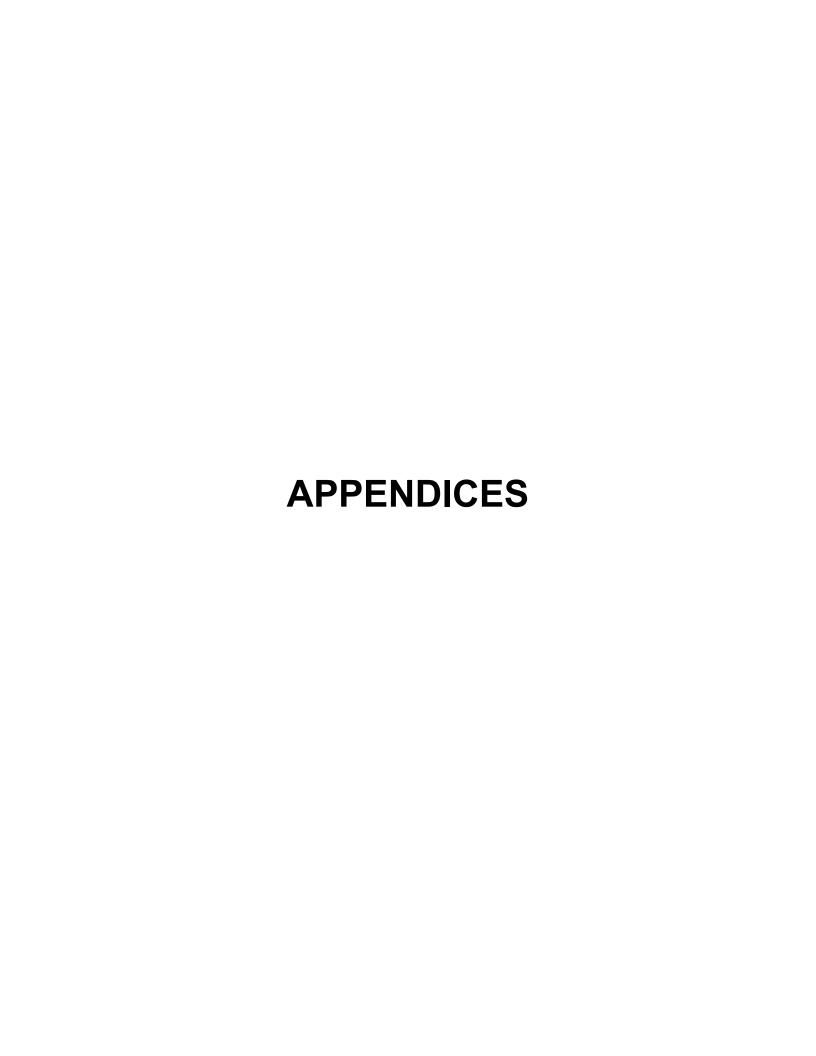


PEACE RIVER RESERVOIR No. 2 Peace/Manasota Reg. Water Supply



SHELL CREEK RESERVOIR City of Punta Gorda





Rainfall percentiles by interval and region, inches.

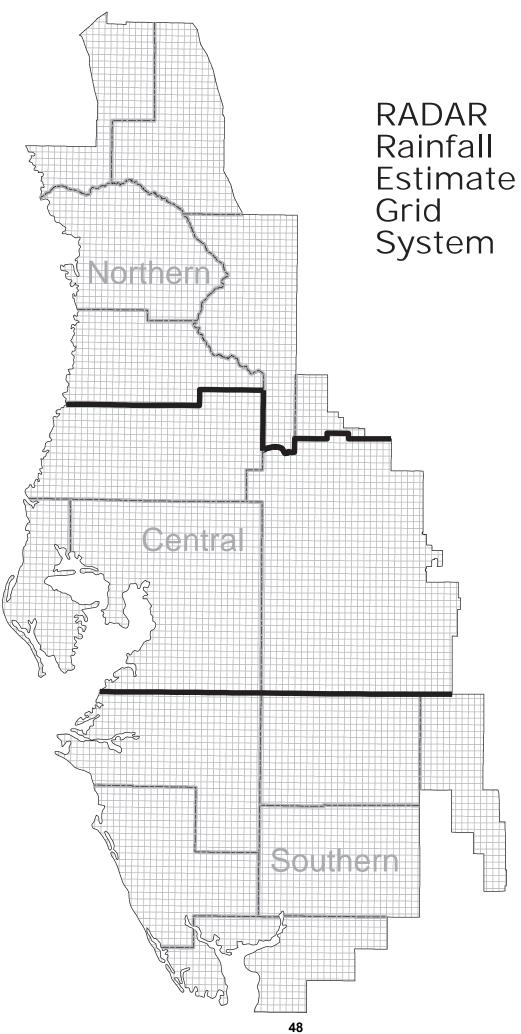
| Rainfall percentiles by interval and region, inches. | | | | | | |
|--|----------|---|---|---|---|---|
| Rainfall Interval | Region | 10 TH Percentile (P10) | 25 th Percentile (P25) | 50 th Percentile (P50) | 75 th Percentile (P75) | 90 th Percentile (P90) |
| Annual total | Northern | 43.19 | 48.35 | 54.01 | 58.86 | 63.46 |
| Annual total | Central | 41.45 | 46.10 | 52.16 | 57.28 | 63.82 |
| Annual total | Southern | 42.05 | 46.25 | 52.19 | 57.82 | 63.43 |
| Annual total | District | 43.12 | 47.22 | 52.99 | 57.46 | 62.83 |
| Dry season total | Northern | 15.27 | 18.42 | 23.79 | 28.72 | 32.10 |
| Dry season total | Central | 13.32 | 16.48 | 21.59 | 26.86 | 30.83 |
| Dry season total | Southern | 12.35 | 15.68 | 21.24 | 26.23 | 30.01 |
| Dry season total | District | 13.71 | 16.79 | 22.02 | 27.22 | 29.70 |
| Wet season total | Northern | 22.79 | 25.44 | 29.45 | 33.43 | 38.16 |
| Wet season total | Central | 23.22 | 25.79 | 29.71 | 34.86 | 39.22 |
| Wet season total | Southern | 24.37 | 27.37 | 30.58 | 35.88 | 41.68 |
| Wet season total | District | 23.92 | 27.16 | 29.97 | 34.71 | 38.93 |
| January total | Northern | 0.73 | 1.50 | 2.45 | 4.00 | 5.30 |
| January total | Central | 0.72 | 1.21 | 2.23 | 3.72 | 4.60 |
| January total | Southern | 0.39 | 0.93 | 1.88 | 3.31 | 4.93 |
| January total | District | 0.65 | 1.17 | 2.10 | 3.55 | 4.90 |
| February total | Northern | 0.82 | 1.42 | 2.82 | 4.08 | 5.76 |
| February total | Central | 0.60 | 1.12 | 2.38 | 4.17 | 5.50 |
| February total | Southern | 0.36 | 1.26 | 2.21 | 3.63 | 4.93 |
| February total | District | 0.73 | 1.32 | 2.38 | 3.94 | 5.12 |
| March total | Northern | 1.00 | 2.06 | 3.15 | 5.43 | 7.21 |
| March total | Central | 0.97 | 1.66 | 2.96 | 4.95 | 6.44 |
| March total | Southern | 0.81 | 1.28 | 2.56 | 4.29 | 6.68 |
| March total | District | 1.09 | 1.64 | 3.04 | 4.86 | 6.92 |
| April total | Northern | 0.65 | 1.33 | 2.38 | 3.95 | 5.52 |
| April total | Central | 0.51 | 0.96 | 1.87 | 3.44 | 5.59 |
| April total | Southern | 0.48 | 1.19 | 2.04 | 3.75 | 4.66 |
| April total | District | 0.65 | 1.20 | 2.24 | 3.72 | 5.12 |
| May total | Northern | 1.18 | 1.95 | 3.21 | 4.67 | 6.92 |
| May total | Central | 0.87 | 1.64 | 2.73 | 4.58 | 5.75 |
| May total | Southern | 1.17 | 1.91 | 3.36 | 5.22 | 6.75 |
| May total | District | 1.23 | 2.04 | 3.24 | 4.87 | 6.29 |
| June total | Northern | 4.60 | 5.47 | 7.27 | 8.63 | 10.16 |
| June total | Central | 3.65 | 4.79 | 6.46 | 8.27 | 9.48 |
| June total | Southern | 4.22 | 5.63 | 7.44 | 9.06 | 12.06 |
| June total | District | 4.55 | 5.46 | 7.24 | 8.60 | 10.99 |
| July total | Northern | 5.36 | 6.75 | 8.29 | 9.16 | 11.52 |
| July total | Central | 4.89 | 5.98 | 8.35 | 10.05 | 11.44 |
| July total | Southern | 5.68 | 6.94 | 8.11 | 9.50 | 10.99 |
| July total | District | 5.60 | 6.83 | 8.19 | 9.57 | 10.58 |
| August total | Northern | 5.44 | 6.30 | 7.31 | 9.72 | 11.33 |
| August total | Central | 5.52 | 6.55 | 7.90 | 9.72 | 12.03 |
| August total | Southern | 5.55 | 6.22 | 7.90 7.70 | 8.97 | 10.49 |
| August total | District | 5.65 | 6.52 | 7.70 | 9.37 | 10.43 |
| September total | Northern | 2.79 | 4.18 | 5.84 | 8.04 | 11.35 |
| September total | Central | 3.19 | 5.11 | 6.46 | 8.50 | 11.69 |
| September total | Southern | 4.30 | 5.46 | 6.94 | 9.33 | 11.85 |
| September total | District | 3.85 | 5.21 | 6.53 | 8.62 | 11.65 |
| October total | Northern | 0.63 | 1.27 | 2.46 | 4.40 | 6.15 |
| October total | Central | 0.69 | 1.39 | 2.40 | 4.40 | 6.13 |
| October total | Southern | 0.09 | 1.78 | 2.73 | 4.03 | 6.04 |
| October total | District | 1.06 | 1.76 | 2.73 | 4.27 | 5.79 |

Rainfall percentiles by interval and region, inches (continued).

| Rainfall Interval | Region | 10 [™] Percentile (P10) | 25 th Percentile (P25) | 50 th Percentile (P50) | 75 th Percentile (P75) | 90 th Percentile (P90) |
|-------------------|----------|--|---|---|---|---|
| November total | Northern | 0.38 | 0.71 | 1.63 | 2.88 | 4.56 |
| November total | Central | 0.25 | 0.47 | 1.42 | 2.82 | 4.33 |
| November total | Southern | 0.40 | 0.64 | 1.46 | 2.56 | 3.82 |
| November total | District | 0.37 | 0.63 | 1.53 | 2.73 | 4.39 |
| December total | Northern | 0.54 | 1.06 | 2.06 | 3.71 | 5.19 |
| December total | Central | 0.48 | 0.84 | 1.89 | 3.03 | 4.87 |
| December total | Southern | 0.45 | 0.77 | 1.56 | 2.63 | 4.18 |
| December total | District | 0.54 | 0.89 | 1.86 | 2.92 | 4.34 |

Rainfall characterization ranges

| Characterization | Range | Corresponding Rainfall Percent of Normal (approximate) |
|--------------------|-------------------------------|--|
| Very dry | Less than the P10 rainfall | Less than 80 percent of normal |
| Drier than normal | P10 to P24 rainfall | 80 to 90 percent of normal |
| Normal | P25 to P75 rainfall | 90 to 110 percent of normal |
| Wetter than normal | P76 to P90 rainfall | 110 to 120 percent of normal |
| Very Wet | Greater than the P90 rainfall | Greater than 120 percent of normal |

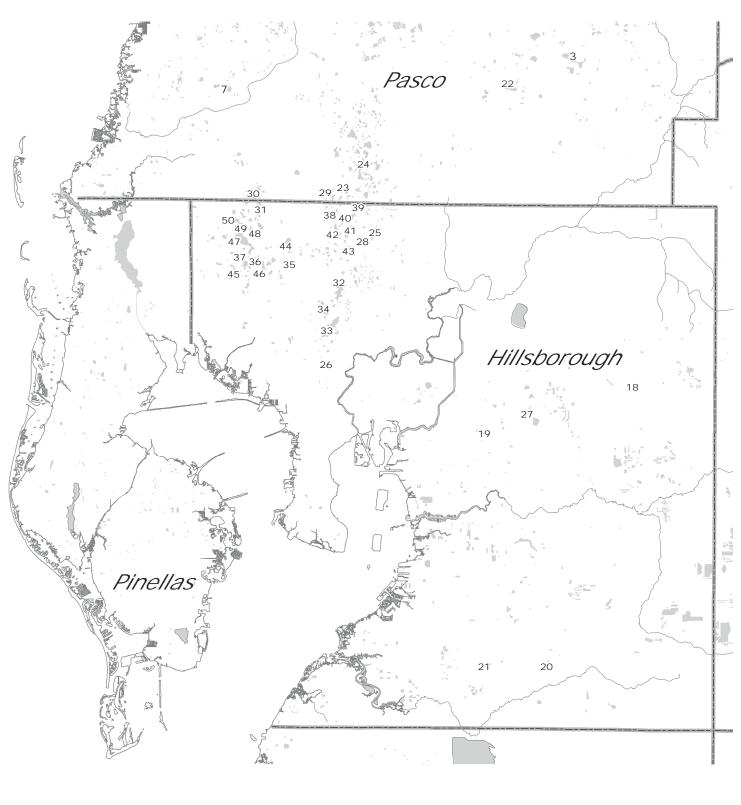




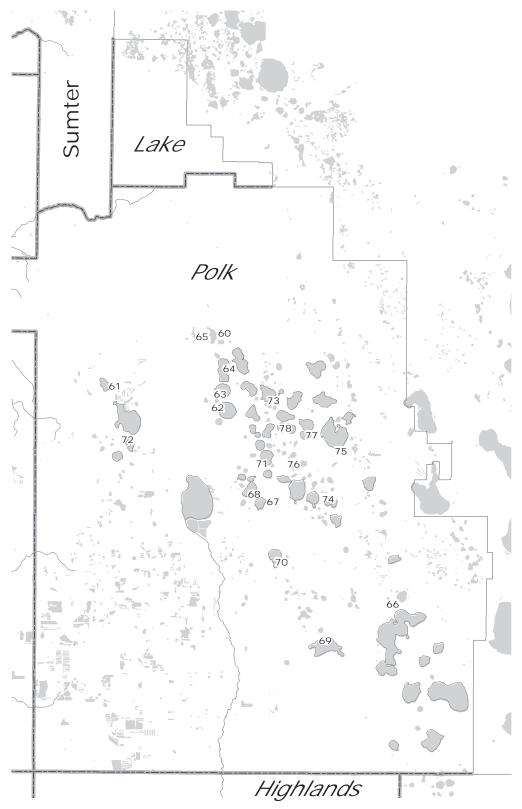
Selected Lake Monitoring Stations Northern Region



Selected Lake Monitoring Stations Tampa Bay Region

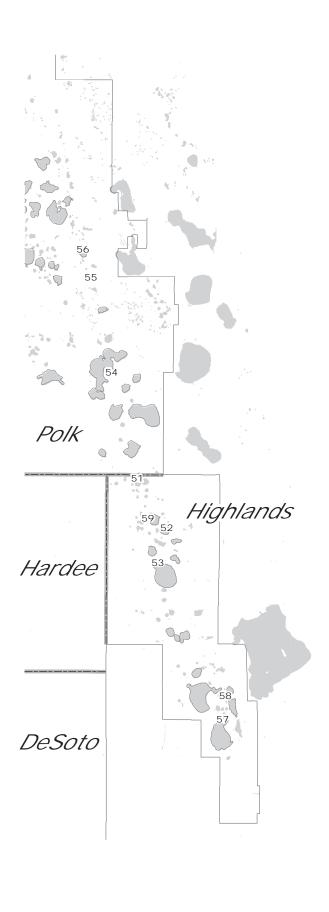


Selected Lake Monitoring Stations Polk Uplands Region





Selected Lake Monitoring Stations Lake Wales Ridge Region





Selected Lake Monitoring Stations

Northern Region

| Map ID | Site Name |
|--------|-----------------------------|
| 1 | Lake Iola |
| 2 | Hancock Lake |
| 3 | Lake Pasadena |
| 5 | Crews Lake |
| 6 | Lake Lindsey |
| 7 | Moon Lake |
| 8 | Hunters Lake |
| 9 | Tsala Apopka at Floral City |
| 10 | Lake Miona |
| 11 | Pana Vista Outlet River |
| 12 | Outlet River at Panacoochee |
| 13 | Tsala Apopka at Inverness |
| 14 | Spring Lake |
| 15 | Tsala Apopka at Hernando |
| 16 | Little Lake (Consuella) |
| 17 | Lake Panasoffkee |

Tampa Bay Region

| M TD | Cita Nama | | |
|---------------|----------------------------|---------------|------------------|
| <u>Map ID</u> | <u>Site Name</u> | Man ID | Cita Nama |
| 18 | Mud (Walden) Lake | <u>Map ID</u> | <u>Site Name</u> |
| 19 | Gornto Lake | 40 | Lake Brooker |
| 20 | Carlton Lake | 41 | Cooper Lake |
| 21 | Lake Wimauma | 42 | Lake Thomas |
| 22 | King Lake near San Antonio | 43 | Brant Lake |
| 23 | Lake Linda | 44 | Turkey Ford Lake |
| 24 | Lake Padgett | 45 | Church Lake |
| 25 | Keene Lake | 46 | Horse Lake |
| 26 | Egypt Lake | 47 | Lake Alice |
| 27 | Long Pond | 48 | Lake Calm |
| 28 | Lake Stemper | 49 | Keystone Lake |
| 29 | Camp Lake | 50 | Crescent Lake |
| 30 | Lake Ann (Parker) | | |
| 31 | Lake Hiawatha | | |
| 32 | Platt Lake | | |
| 33 | Lake Carroll | | |
| 34 | Bay Lake | | |
| 35 | Lake LeClare | | |
| 36 | Little Lake | | |
| 37 | Rainbow Lake | | |
| 38 | Lake Harvey | | |
| 39 | Deer Lake | | |

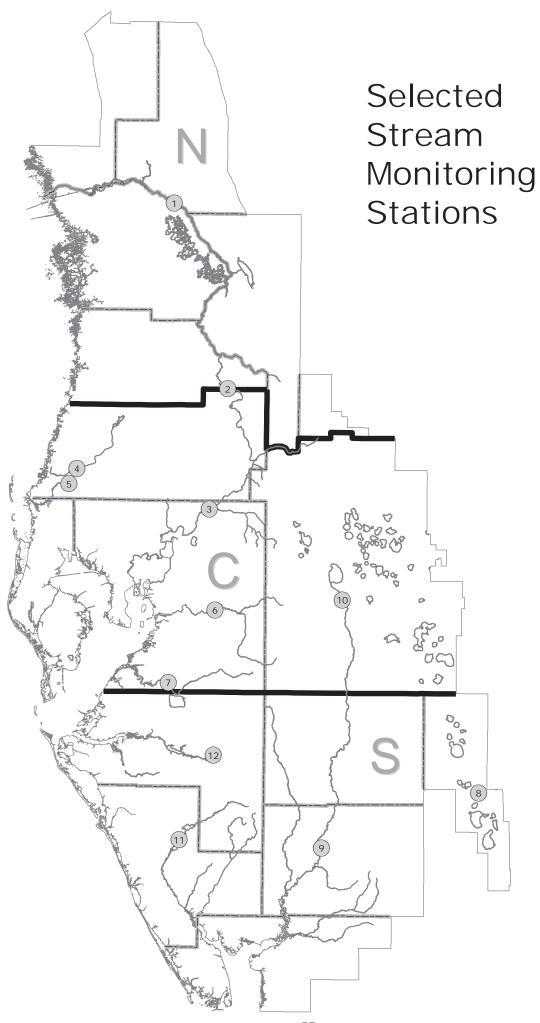
Selected Lake Monitoring Stations

Lake Wales Ridge Region

| <u>Map ID</u> | <u>Site Name</u> |
|---------------|-------------------------------|
| 51 | Trout Lake |
| 52 | Lake Letta |
| 53 | Lake Jackson at Sebring |
| 54 | Crooked Lake near Babson Park |
| 55 | Lake Starr |
| 56 | Lake Annie |
| 57 | Lake Placid |
| 58 | Lake Clay |
| 59 | Lake Lotela |

Polk Uplands Region

| Map ID | Site Name |
|--------|-----------------|
| 60 | Lake Helene |
| 61 | Lake Gibson |
| 62 | Lake Ariana |
| 63 | Lake Arietta |
| 64 | Lake Juliana |
| 65 | Clearwater Lake |
| 66 | Blue Lake South |
| 67 | Lake McLeod |
| 68 | Eagle Lake |
| 69 | Lake Buffum |
| 70 | Lake Garfield |
| 71 | Lake Howard |
| 72 | Lake Bonny |
| 73 | Lake Alfred |
| 74 | Lake Ruby |
| 75 | Lake Hamilton |
| 76 | Lake Otis |
| 77 | Lake Fannie |
| 78 | Lake Conine |





Selected Stream Monitoring Stations

| Map ID | <u>Site Name</u> |
|--------|--|
| 1 | Withlacoochee River near Holder |
| 2 | Withlacoochee River at Trilby |
| 3 | Hillsborough River near Zephyrhills |
| 4 | Pithlachascotee River near New Port Richey |
| 5 | Anclote River near Elfers |
| 6 | Alafia River at Lithia |
| 7 | Little Manatee River near Wimauma |
| 8 | Josephine Creek near DeSoto City |
| 9 | Peace River at Arcadia |
| 10 | Peace River at Bartow |
| 11 | Myakka River near Sarasota |
| 12 | Manatee River near Myakka Head |

STREAM MONITORING STATIONS

WITHLACOOCHEE RIVER (Northern Region)

Total length: 157 miles

Headwaters: NW Polk and southern Sumter Counties

Elevation: 135 feet

Tributaries: Little Withlacoochee, Big Gant Canal, Jumper Creek, Shady

Brook, Outlet River of Lake Panasoffkee, Leslie Heifner Canal, Orange State Canal, Tsala Apopka Outfall Canal and Rainbow

Springs.

Mouth: Gulf of Mexico, Citrus County

Drainage area: 2000 square miles

Holder Station

County: Marion Period-of-record: 1928

Location: 38 miles upstream from mouth

Drainage area: 1825 square miles

Trilby Station

County: Hernando Period-of-record: 1928

Location: 93 miles upstream from mouth

Drainage area: 570 square miles

ANCLOTE RIVER (Central Region)

Total length: 27.5 miles

Headwaters: South-central Pasco County, west of Land O Lakes

Elevation: 65 feet

Tributaries: South Branch and Hollin Creek Mouth: South Branch and Hollin Creek Gulf of Mexico, Pasco County

Drainage area: 113 square miles

Elfers Station

County: Pasco Period-of-record: 1946

Location: 16 miles upstream from mouth

Drainage area: 72.5 square miles

HILLSBOROUGH RIVER (Central Region)

Total length: 55 miles

Headwaters: Southeast Pasco County

Elevation: 77 feet

Tributaries: Crystal Springs, Blackwater Creek, Flint Creek, Trout Creek,

Cypress Creek, Curiosity Creek and Sulphur Springs

Mouth: Hillsborough Bay Drainage area: 690 square miles

Zephyrhills Station

County: Hillsborough

Period-of-record: 1939

Location: 40 miles upstream from mouth

Drainage area: 200 square miles

PITHLACHASCOTEE RIVER (Central Region)

Total length: 41 miles

Headwaters: Crews Lake and Masaryktown area in central Pasco and

southern Hernando Counties

Elevation: 120 feet
Mouth: Gulf of Mexico
Drainage area: 191 square miles

New Port Richey Station:

County: Pasco Period-of-record: 1963

Location: 10.5 miles upstream from mouth

Drainage area: 180 square miles

ALAFIA RIVER (Central Region)

Total length: 24 miles

Headwaters: Western Polk and eastern Hillsborough Counties

Tributaries: North and South Prongs, Lithia Springs, and Buckhorn Creek.

Elevation: 30 feet
Mouth: Tampa Bay
Drainage area: 420 square miles

Lithia Station:

County: Hillsborough

Period-of-record: 1932

Location: 16 miles upstream from mouth

Drainage area: 335 square miles

LITTLE MANATEE RIVER (Central Region)

Total length: 39 miles

Headwaters: Southeast Hillsborough County

Tributaries: Carlton Branch, the South Fork, Dug Creek and Cypress Creek.

Elevation: 130 feet
Mouth: Tampa Bay
Drainage area: 225 square miles

Wimauma Station:

County: Hillsborough

Period-of-record: 1939

Location: 15 miles upstream from mouth

Drainage area: 149 square miles

JOSEPHINE CREEK (Southern Region)

Total length: 12 miles

Headwaters: Lake Josephine in central Highlands County

Elevation: 80 feet

Mouth: Lake Istokpoga in Highlands County

Drainage area: 143 square miles

DeSoto City Station:

County: Highlands Period-of-record: 1946

Location: 4.9 miles upstream of mouth

Drainage area: 109 square miles

MANATEE RIVER (Southern Region)

Total length: 45 miles

Headwaters: Four corners area Hillsborough, Polk, Hardee and manatee Counties.

Elevation: 130 feet
Mouth: Tampa Bay
Drainage area: 330 square miles

Myakka Head Station:

County: Manatee Period-of-record: 1966

Location: 36 miles upstream from mouth

Drainage area: 65.3 square miles

MYAKKA RIVER (Southern Region)

Total length: 54.1 miles

Headwaters: Western Hardee and Eastern Manatee Counties Tributaries: Howard Creek, Deer Prairie, and Big Slough Canal

Elevation: 105 feet

Mouth: Charlotte Harbor Drainage area: 540 square miles

Sarasota Station:

County: Sarasota Period-of-record: 1936

Location: 36 miles upstream from mouth

Drainage area: 229 square miles

PEACE RIVER (Central and Southern Region)

Total length: 120 miles

Headwaters: Green Swamp in northern Polk County through Lake Hancock, Winter Haven

chain of lakes, and Lake Hamilton.

Tributaries: Peace Creek Canal, Saddle Creek, Charlie Creek, Prairie Creek, Horse Creek,

Joshua Creek and Shell Creek. Elevation: 110 feet

Mouth: Charlotte Harbor Drainage area: 2300 square miles

Arcadia Station (Southern Region):

County: Desoto Period-of-record: 1931

Location: 36 miles upstream from mouth

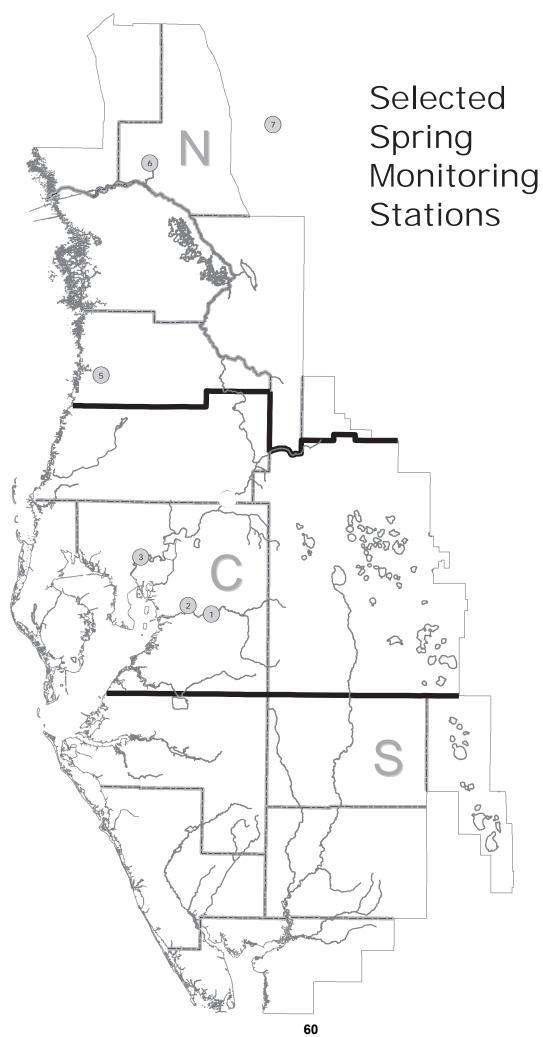
Drainage area: 1367 square miles

Bartow Station (Central Region):

County: Polk Period-of-record: 1939

Location: 105 miles upstream from mouth

Drainage area: 390 square miles





Selected Spring Monitoring Stations

| <u>Map ID</u> | <u>Site Name</u> |
|---------------|-------------------------------------|
| 1 | Lithia Main Spring |
| 2 | Buckhorn Main Spring |
| 3 | Sulphur Springs at Sulphur Springs |
| 5 | Weeki Wachee River near Brooksville |
| 6 | Rainbow Springs near Dunnellon |
| 7 | Silver Springs near Ocala |

SPRINGS MONITORING STATIONS

RAINBOW SPRINGS (Northern Region)

County: Marion

Basin: Withlacoochee River

Magnitude: 1st

Discharge measurement location: 5 mi downstream from head of springs Discharge contributes to: Rainbow River, Withlacoochee River

Public Access: Yes Period-of-record: 1965

Gage: Non-recording gage

SILVER SPRINGS (Northern Region)

County: Marion

Basin: Ocklawaha River

1st Magnitude:

Discharge measurement location: 4 to 5 mi downstream from head of springs Discharge contributes to:

Silver Springs River, Ocklawaha River,

St. Johns River

Public Access: Yes 1932 Period-of-record:

Water-stage recorder Gage:

WEEKI WACHEE SPRINGS (Northern Region)

County: Hernando Basin: Coastal Rivers

Magnitude: 1st

Discharge measurement location: 1 mi downstream from head of springs

Discharge contributes to: Weeki Wachee River

Public Access: Yes Period-of-record: 1993

Gage: Water-stage

SULPHUR SPRINGS (Central Region)

County: Hillsborough Basin: Hillsborough River

Magnitude:

Discharge measurement location: 300 ft downstream from gage

Discharge contributes to: Hillsborough River

Public Access: Yes 1956 Period-of-record:

Gage: Water-stage recorder

BUCKHORN SPRINGS (Central Region)

County: Hillsborough Basin: Alafia River

Magnitude: 2nd

Discharge measurement location: Difference between discharge measurements

of Buckhorn Creek made $2\bar{5}$ ft upstream from and 100 ft downstream from Buckhorn Springs

Discharge contributes to: Buckhorn Creek, Alafia River

Public Access: No Period-of-record: 1987

Gage: Water-stage recorder

LITHIA SPRINGS: (Central Region)

County: Hillsborough Basin: Alafia River

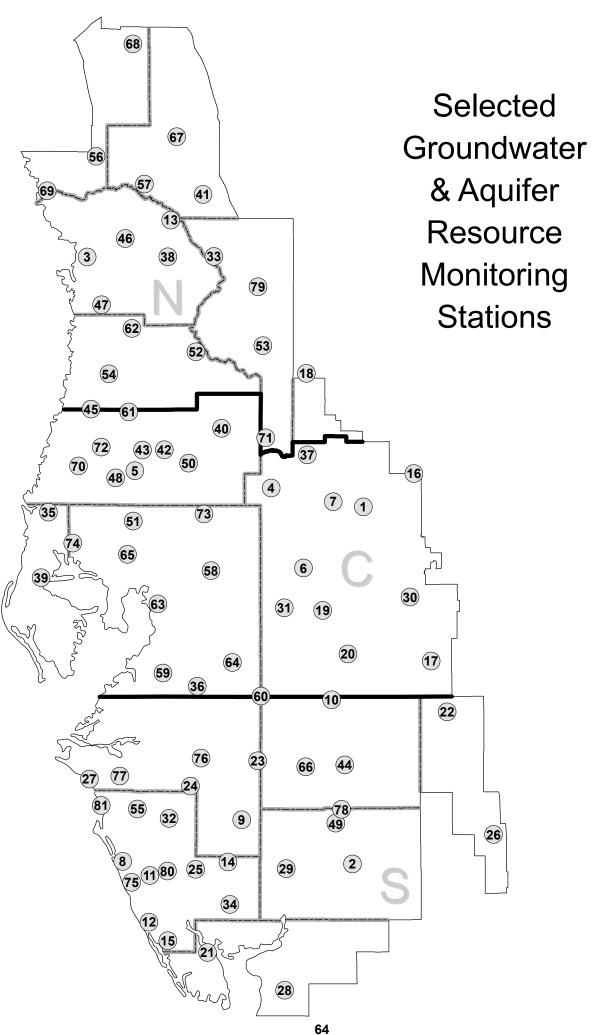
Magnitude: 2nd

Discharge measurement location: 50 feet downstream from main pool

Discharge contributes to: Alafia River

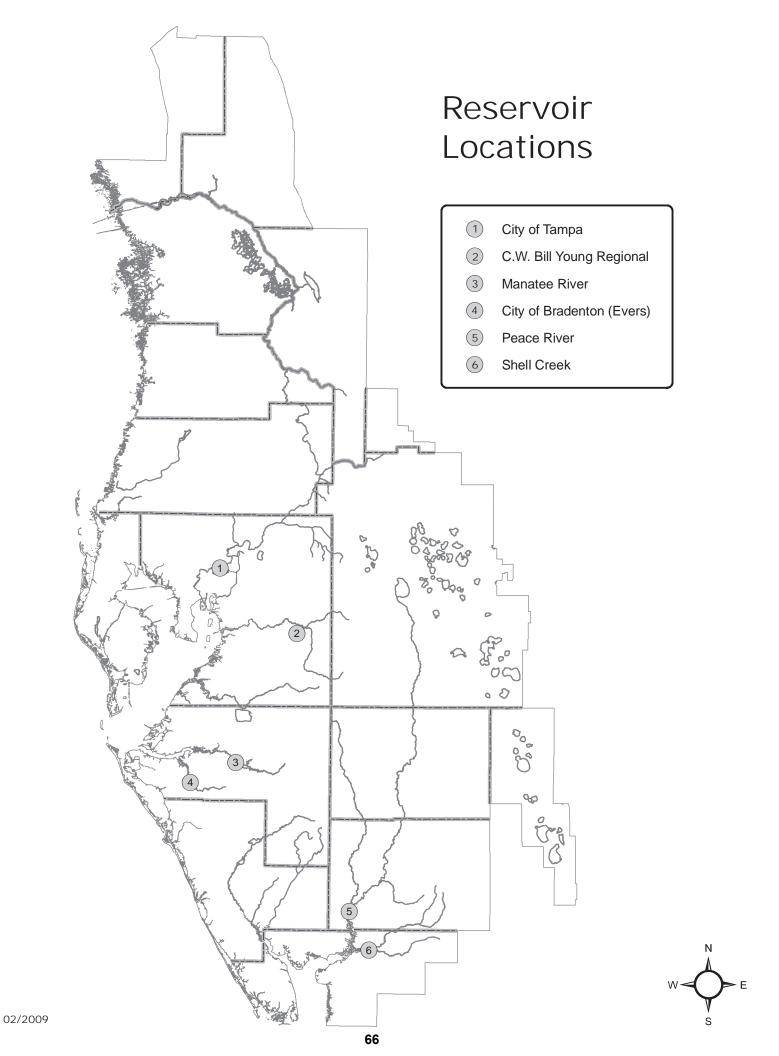
Public Access: Yes Period-of-record: 1934

Gage: Water-stage recorder



Select Groundwater & Aquifer Resource Monitoring Stations

| Lake Alfred Deep nr Lake Alfred | Map ID | Site Name | Map ID | Site Name |
|--|--------|---|--------|--|
| 2 ROMP 16 U Fldn Aq Monitor 50 SR 577 Deep 3 ROMP TR 21-2 U Fldn Aq Chloride Monitor 51 Debuel Road Deep 4 ROMP 87 U Fldn Aq (Avpk) Monitor 52 ROMP 103 U Fldn Aq Monitor 5 Santon Ranch Fldn 53 Webster City Fldn 7 ROMP 76 U Fldn Aq (Swnn) Monitor 55 Sarasota Service Office U Fldn Aq Monitor 8 ROMP 20 U Fldn Aq (Swnn) Monitor 56 Tidewater 1 Fldn 9 Edgeville 3 Deep 57 CE 14 Dunnellon Deep 10 Cargill FA-1 Fldn 58 DV-1 U Fldn Aq (Swnn) Monitor 11 ROMP 16 U Fldn Aq Monitor 59 ROMP 96 U Fldn Aq (Monitor 12 Manasota 14 Deep 60 ROMP 40 U Fldn Aq Monitor 13 ROMP 116 U Fldn Aq Monitor 61 Massaryktown Deep 14 Big Slough Deep 62 ROMP 107 U Fldn Aq Monitor 15 Englewood 14 Deep 63 ROMP 107 U Fldn Aq Monitor 16 Lughman Deep 64 ROMP 18 U Fldn Aq (Monitor 17 Coley Deep 65 | · | | | |
| 4 ROMP 87 U Fldn Aq (Aypk) Monitor 5 Pasco 13 nr Drexel Fldn 6 Sanlon Ranch Fldn 7 ROMP 76 U Fldn Aq Monitor 8 ROMP 70 U Fldn Aq (Swnn) Monitor 8 ROMP 20 U Fldn Aq (Swnn) Monitor 9 Edgewille 3 Deep 10 Cargill FA-1 Fldn 11 ROMP 18 5-2 U Fldn Aq (Swnn) Monitor 12 Manasota 14 Deep 13 ROMP 116 U Fldn Aq Monitor 14 Big Slough Deep 15 ROMP 16 U Fldn Aq Monitor 15 Englewood 14 Deep 16 ROMP 16 U Fldn Aq (Swnn) Monitor 16 Loughman Deep 17 Coley Deep 18 Mascotte Deep (L-0062) 19 ROMP 59 U Fldn Aq (Ind) Romitor 19 ROMP 59 U Fldn Aq (Ind) Romitor 10 ROMP 18 3-1 U Fldn Aq (Ind) Romitor 10 ROMP 18 1-1 U Fldn Aq (Ind) Romitor 11 ROMP 18 Septiment Romitor 12 ROMP 18 Septiment Romitor 13 ROMP 18 Septiment Romitor 14 Big Slough Deep 15 Englewood 14 Deep 16 ROMP 40 U Fldn Aq Monitor 16 Loughman Deep 17 Coley Deep 18 ROMP 59 U Fldn Aq (Ind) Romitor 18 Mascotte Deep (L-0062) 19 ROMP 59 U Fldn Aq (Ind) Romitor 19 ROMP 59 U Fldn Aq (Ind) Romitor 20 ROMP 45 U Fldn Aq (Ind) Romitor 20 ROMP 45 U Fldn Aq (Ind) Romitor 21 ROMP 18 3-1 U Fldn Aq (Ind) Romitor 22 ROMP 18 3-1 U Fldn Aq (Ind) Romitor 23 ROMP 32 U Fldn Aq (Ind) Romitor 24 Verna Test 0-1 25 ROMP 32 U Fldn Aq (Swnn) Monitor 26 ROMP 32 U Fldn Aq (Swnn) Monitor 27 ROMP 28 U Fldn Aq (Swnn) Monitor 28 ROMP 28 U Fldn Aq (Swnn) Monitor 29 ROMP 18 T-1 L Arca Aq Interface Monitor 20 ROMP 18 T-1 L Arca Aq Interface Monitor 21 ROMP 18 SU Fldn Aq (Swnn) Monitor 22 ROMP 18 SU Fldn Aq (Swnn) Monitor 23 ROMP 18 SU Fldn Aq (Swnn) Monitor 24 Verna Test 0-1 25 ROMP 18 SU Fldn Aq (Swnn) Monitor 26 ROMP 18 SU Fldn Aq (Swnn) Monitor 27 ROMP 18 SU Fldn Aq (Swnn) Monitor 28 ROMP 18 SU Fldn Aq (Swnn) Monitor 39 ROMP 19 U Fldn Aq (Swnn) Monitor 30 ROMP 19 U Fldn Aq (Swnn) Monitor 31 ROMP 80 U Fldn Aq (Swnn) Monitor 32 ROMP 19 U Fldn Aq (Swnn) Monitor 33 ROMP 19 U Fldn Aq (Swnn) Monitor 34 ROMP 19 U Fldn Aq (Swnn) Monitor 35 ROMP 19 U Fldn Aq (Swnn) Monitor 36 ROMP 19 U Fldn Aq (Swnn) Monitor 37 ROMP 19 U Fldn Aq (Swnn) Monitor 38 ROMP 19 U Fldn Aq (Swnn) Monitor 39 ROMP 19 U Fldn Aq (Swnn) Monitor 40 RO | 2 | · | 50 | |
| 4 ROMP 87 U Fldn Aq (Aypk) Monitor 5 Pasco 13 nr Drexel Fldn 6 Sanlon Ranch Fldn 7 ROMP 76 U Fldn Aq Monitor 8 ROMP 70 U Fldn Aq (Swnn) Monitor 8 ROMP 20 U Fldn Aq (Swnn) Monitor 9 Edgewille 3 Deep 10 Cargill FA-1 Fldn 11 ROMP 18 5-2 U Fldn Aq (Swnn) Monitor 12 Manasota 14 Deep 13 ROMP 116 U Fldn Aq Monitor 14 Big Slough Deep 15 ROMP 16 U Fldn Aq Monitor 15 Englewood 14 Deep 16 ROMP 16 U Fldn Aq (Swnn) Monitor 16 Loughman Deep 17 Coley Deep 18 Mascotte Deep (L-0062) 19 ROMP 59 U Fldn Aq (Ind) Romitor 19 ROMP 59 U Fldn Aq (Ind) Romitor 10 ROMP 18 3-1 U Fldn Aq (Ind) Romitor 10 ROMP 18 1-1 U Fldn Aq (Ind) Romitor 11 ROMP 18 Septiment Romitor 12 ROMP 18 Septiment Romitor 13 ROMP 18 Septiment Romitor 14 Big Slough Deep 15 Englewood 14 Deep 16 ROMP 40 U Fldn Aq Monitor 16 Loughman Deep 17 Coley Deep 18 ROMP 59 U Fldn Aq (Ind) Romitor 18 Mascotte Deep (L-0062) 19 ROMP 59 U Fldn Aq (Ind) Romitor 19 ROMP 59 U Fldn Aq (Ind) Romitor 20 ROMP 45 U Fldn Aq (Ind) Romitor 20 ROMP 45 U Fldn Aq (Ind) Romitor 21 ROMP 18 3-1 U Fldn Aq (Ind) Romitor 22 ROMP 18 3-1 U Fldn Aq (Ind) Romitor 23 ROMP 32 U Fldn Aq (Ind) Romitor 24 Verna Test 0-1 25 ROMP 32 U Fldn Aq (Swnn) Monitor 26 ROMP 32 U Fldn Aq (Swnn) Monitor 27 ROMP 28 U Fldn Aq (Swnn) Monitor 28 ROMP 28 U Fldn Aq (Swnn) Monitor 29 ROMP 18 T-1 L Arca Aq Interface Monitor 20 ROMP 18 T-1 L Arca Aq Interface Monitor 21 ROMP 18 SU Fldn Aq (Swnn) Monitor 22 ROMP 18 SU Fldn Aq (Swnn) Monitor 23 ROMP 18 SU Fldn Aq (Swnn) Monitor 24 Verna Test 0-1 25 ROMP 18 SU Fldn Aq (Swnn) Monitor 26 ROMP 18 SU Fldn Aq (Swnn) Monitor 27 ROMP 18 SU Fldn Aq (Swnn) Monitor 28 ROMP 18 SU Fldn Aq (Swnn) Monitor 39 ROMP 19 U Fldn Aq (Swnn) Monitor 30 ROMP 19 U Fldn Aq (Swnn) Monitor 31 ROMP 80 U Fldn Aq (Swnn) Monitor 32 ROMP 19 U Fldn Aq (Swnn) Monitor 33 ROMP 19 U Fldn Aq (Swnn) Monitor 34 ROMP 19 U Fldn Aq (Swnn) Monitor 35 ROMP 19 U Fldn Aq (Swnn) Monitor 36 ROMP 19 U Fldn Aq (Swnn) Monitor 37 ROMP 19 U Fldn Aq (Swnn) Monitor 38 ROMP 19 U Fldn Aq (Swnn) Monitor 39 ROMP 19 U Fldn Aq (Swnn) Monitor 40 RO | 3 | ROMP TR 21-2 U Fldn Aq Chloride Monitor | 51 | Debuel Road Deep |
| 6 Sanlon Ranch Fldn \$4 Weeki Wachee Fldn Repl 7 ROMP 76 U Fldn Aq (Monitor \$5 Sarsaota Service Office U Fldn Aq Monitor 8 ROMP 20 U Fldn Aq (Swnn) Monitor \$6 Tidewater 1 Fldn 9 Edgeville 3 Deep \$7 CE 14 Dunnellon Deep 10 Cargill FA-1 Fldn \$8 DV-1 U Fldn Aq (Swnn) Monitor 11 ROMP 78 U-2 U Fldn Aq (Swnn) Monitor \$9 ROMP 90 U Fldn Aq (Swnn) Monitor 12 Manasota 14 Deep 60 ROMP 40 U Fldn Aq Monitor 13 ROMP 116 U Fldn Aq Monitor 61 Masaryktown Deep 14 Big Slough Deep 62 ROMP 107 U Fldn Aq Monitor 15 Englewood 14 Deep 63 ROMP 78 U Fldn Aq Monitor 16 Loughman Deep 64 ROMP 80 U Fldn Aq Monitor 17 Coley Deep 65 ROMP 60 U Fldn Aq Monitor 18 Mascotte Deep (L-0062) 65 ROMP 80 U Fldn Aq Monitor 20 ROMP 59 U Fldn Aq (Aye) Monitor 67 ROMP 13 U Fldn Aq (Aye) Monitor 21 ROMP 45 U Fldn Aq (Monito | 4 | ROMP 87 U Fldn Aq (Avpk) Monitor | 52 | ROMP 103 U Fldn Aq Monitor |
| 7 ROMP 76 U Fldn Aq Monitor 55 Sarasota Service Office U Fldn Aq Monitor 8 ROMP 20 U Fldn Aq (Swnn) Monitor 56 Tidewater 1 Fldn 9 Edgeville 3 Deep 57 CE 14 Dunnellon Deep 10 Cargill FA-1 Fldn 58 DV-1 U Fldn Aq (Swnn) Monitor 11 ROMP 76 5-2 U Fldn Aq (Swnn) Monitor 59 ROMP 50 U Fldn Aq (Avpk) Chloride Monitor 12 Manasota 14 Deep 60 ROMP 50 U Fldn Aq Monitor 13 ROMP 10 U Fldn Aq Monitor 61 Masaryktown Deep 14 Big Slough Deep 62 ROMP 10 U Fldn Aq Monitor 15 Englewood 14 Deep 63 ROMP 78 10-2 U Fldn Aq Monitor 16 Loughman Deep 64 ROMP 48 U Fldn Aq (Impa/Swnn) Monitor 17 Coley Deep 65 ROMP 69 U Fldn Aq Monitor 18 Mascotte Deep (L-0062) 66 ROMP 31 U Fldn Aq Monitor 19 ROMP 59 U Fldn Aq (Avpk) Monitor 68 ROMP 120 U Fldn Aq (Avpk-Oldm) Monitor 20 ROMP 43X U Fldn Aq (Monitor 69 ROMP 120 U Fldn Aq (Avpk-Oldm) Monitor | 5 | Pasco 13 nr Drexel Fldn | 53 | Webster City Fldn |
| 8 ROMP 20 U Fldin Aq (Swnn) Monitor 56 Tidewater 1 Fldin 9 Edgeville 3 Deep 57 CE 14 Dunnellon Deep 10 Cargill FA-1 Fldin 58 DV-1 U Fldin Aq (Swnn) Monitor 11 ROMP TR 5-2 U Fldn Aq (Swnn) Monitor 59 ROMP 50 U Fldin Aq (Avpk) Chloride Monitor 12 Manasota 14 Deep 60 ROMP 40 U Fldin Aq Monitor 13 ROMP 116 U Fldin Aq Monitor 61 Masaryktown Deep 14 Big Slough Deep 62 ROMP 170 U Fldin Aq Monitor 16 Loughman Deep 64 ROMP 48 U Fldin Aq Monitor 17 Coley Deep 65 ROMP 60 U Fldin Aq Monitor 18 Mascotte Deep (L-0062) 66 ROMP 31 U Fldin Aq Monitor 20 ROMP 59 U Fldin Aq (Aypk) Monitor 68 ROMP 130 U Fldin Aq (Monitor 21 ROMP 63 U Fldin Aq (Aypk) Monitor 68 ROMP 131 U Fldin Aq (Monitor 22 ROMP 78 3-U B Idh Aq (Aypk) Monitor 69 ROMP 112 U Fldin Aq (Monitor 23 ROMP 78 3-U B Idh Aq (Aypk) Monitor 71 ROMP 89 U Fldin Aq (Monitor <tr< td=""><td>6</td><td>Sanlon Ranch Fldn</td><td>54</td><td></td></tr<> | 6 | Sanlon Ranch Fldn | 54 | |
| 8 ROMP 20 U Fldin Aq (Swnn) Monitor 56 Tidewater 1 Fldin 9 Edgeville 3 Deep 57 CE 14 Dunnellon Deep 10 Cargill FA-1 Fldin 58 DV-1 U Fldin Aq (Swnn) Monitor 11 ROMP TR 5-2 U Fldn Aq (Swnn) Monitor 59 ROMP 50 U Fldin Aq (Avpk) Chloride Monitor 12 Manasota 14 Deep 60 ROMP 40 U Fldin Aq Monitor 13 ROMP 116 U Fldin Aq Monitor 61 Masaryktown Deep 14 Big Slough Deep 62 ROMP 170 U Fldin Aq Monitor 16 Loughman Deep 64 ROMP 48 U Fldin Aq Monitor 17 Coley Deep 65 ROMP 60 U Fldin Aq Monitor 18 Mascotte Deep (L-0062) 66 ROMP 31 U Fldin Aq Monitor 20 ROMP 59 U Fldin Aq (Aypk) Monitor 68 ROMP 130 U Fldin Aq (Monitor 21 ROMP 63 U Fldin Aq (Aypk) Monitor 68 ROMP 131 U Fldin Aq (Monitor 22 ROMP 78 3-U B Idh Aq (Aypk) Monitor 69 ROMP 112 U Fldin Aq (Monitor 23 ROMP 78 3-U B Idh Aq (Aypk) Monitor 71 ROMP 89 U Fldin Aq (Monitor <tr< td=""><td>7</td><td>ROMP 76 U Fldn Aq Monitor</td><td>55</td><td>Sarasota Service Office U Fldn Aq Monitor</td></tr<> | 7 | ROMP 76 U Fldn Aq Monitor | 55 | Sarasota Service Office U Fldn Aq Monitor |
| 10 | 8 | ROMP 20 U Fldn Aq (Swnn) Monitor | 56 | |
| 11 | 9 | Edgeville 3 Deep | 57 | CE 14 Dunnellon Deep |
| 12 Manasota 14 Deep 60 ROMP 40 U Fldn Aq Monitor 13 ROMP 116 U Fldn Aq Monitor 61 Masaryktown Deep 14 Big Slough Deep 62 ROMP 107 U Fldn Aq Monitor 15 Englewood 14 Deep 63 ROMP 107 U Fldn Aq Monitor 16 Loughman Deep 64 ROMP 48 U Fldn Aq (Impa/Swnn) Monitor 17 Coley Deep 65 ROMP 66 U Fldn Aq Monitor 18 Mascotte Deep (L-0062) 66 ROMP 31 U Fldn Aq Monitor 19 ROMP 59 U Fldn Aq (Avpk) Monitor 67 ROMP 120 U Fldn Aq Monitor 20 ROMP 45 U Fldn Aq (Avpk) Monitor 68 ROMP 131 U Fldn Aq Monitor 21 ROMP 78 1-1 U Fldn Aq Monitor 69 ROMP 134 U Fldn Aq Monitor 22 ROMP 45 U Fldn Aq Monitor 69 ROMP 134 U Fldn Aq Monitor (Avpk) 2 23 ROMP 32 U Fldn Aq Monitor 70 Moon Lake Deep 24 ROMP 32 U Fldn Aq (Avpk) Monitor 71 ROMP 89 U Fldn Aq Monitor 25 ROMP 180 U Fldn Aq (Swnn) Monitor 71 ROMP 89 U Fldn Aq Monitor 26 ROMP 28X U Fldn Aq (Swnn) Monitor 73 Hillsborough River State Park Parking Lot Deep 27 ROMP 28X U Fldn Aq Monitor 75 ROMP 18 1-3 U Fldn Aq Monitor 28 ROMP 18 1-1 LArca Aq Interface Monitor 76 Kibler Deep 29 ROMP 17 1-1 LArca Aq Interface Monitor 77 ROMP 18 1-3 U Fldn Aq (Swnn) Monitor 78 ROMP 18 U Fldn Aq (Swnn) Monitor 79 ROMP 18 1-3 U Fldn Aq (Swnn) Monitor 70 ROMP 18 1-3 U Fldn Aq (Swnn) Monitor 70 ROMP 18 1-3 U Fldn Aq (Swnn) Monitor 71 ROMP 18 U Fldn Aq (Swnn) Monitor 71 ROMP 18 U Fldn Aq (Swnn) Monitor 71 ROMP 18 U Fldn Aq (Swnn) Monitor 72 ROMP 18 U Fldn Aq (Swnn) Monitor 74 ROMP 18 U Fldn Aq (Swnn) Monitor 75 ROMP 18 U Fldn Aq (Swnn) Monitor 76 ROMP 18 U Fldn Aq (Swnn) Monitor 77 ROMP 18 U Fldn Aq (Swnn) Monitor 78 ROMP 19 U Fldn Aq (Swnn) Monitor 80 ROMP 19 U Fldn Aq Monitor 80 RO | 10 | Cargill FA-1 Fldn | 58 | DV-1 U Fldn Aq (Swnn) Monitor |
| 13ROMP 116 U Fldn Aq Monitor61Masaryktown Deep14Big Slough Deep62ROMP 107 U Fldn Aq Monitor15Englewood 14 Deep63ROMP TR 10-2 U Fldn Aq Monitor16Loughman Deep64ROMP 48 U Fldn Aq (Tmpa/Swnn) Monitor17Coley Deep65ROMP 60 U Fldn Aq Monitor18Mascotte Deep (L-0062)66ROMP 60 U Fldn Aq Monitor19ROMP 59 U Fldn Aq Interface Monitor67ROMP 120 U Fldn Aq Monitor20ROMP 59 U Fldn Aq (Avpk) Monitor68ROMP 134 U Fldn Aq Monitor21ROMP TR 3 -1 U Fldn Aq Monitor69ROMP 134 U Fldn Aq Monitor (Avpk) 222ROMP 33X U Fldn Aq (Avpk) Monitor71ROMP 89 U Fldn Aq Monitor23ROMP 32 U Fldn Aq (Swnn) Monitor71ROMP 89 U Fldn Aq Monitor24Verna Test 0-172SR 52 Deep West nr Fivay Junction25ROMP 19X U Fldn Aq (Swnn) Monitor73Hillsborough River State Park Parking Lot Deep26ROMP 28X U Fldn Aq Monitor74ROMP TR 13-3 U Fldn Aq Monitor27ROMP 17A 1-1 L Arca Aq Interface Monitor75ROMP TR 5-1 U Fldn Aq Sulfate Monitor28ROMP 17A 1-1 L Arca Aq Interface Monitor76Kibler Deep29ROMP 17A 1-1 L Arca Aq Interface Monitor77ROMP TR 7-4 U Fldn Aq (Swnn) Monitor30ROMP 58 U Fldn Aq (Avpk) Monitor78Marshall Deep (USGS)31ROMP 58 U Fldn Aq (Avpk) Monitor80ROMP 19 U Fldn Aq (Swnn) Monitor32ROMP 93 U Fldn Aq (Monito | 11 | ROMP TR 5-2 U Fldn Aq (Swnn) Monitor | 59 | ROMP 50 U Fldn Aq (Avpk) Chloride Monitor |
| 14 Big Slough Deep 62 ROMP 107 U Fldn Aq Monitor 15 Englewood 14 Deep 63 ROMP 18 I 10-14 Aq (Monitor 16 Loughman Deep 64 ROMP 48 U Fldn Aq (Monitor 17 Coley Deep 65 ROMP 66 U Fldn Aq (Monitor 18 Mascotte Deep (L-0062) 66 ROMP 31 U Fldn Aq Monitor 20 ROMP 45 U Fldn Aq (Aryk) Monitor 68 ROMP 120 U Fldn Aq Monitor 20 ROMP 45 U Fldn Aq (Aryk) Monitor 69 ROMP 134 U Fldn Aq (Ocal-Aryk-Oldm) Monitor 21 ROMP 134 U Fldn Aq (Monitor 70 Moon Lake Deep 22 ROMP 45 XX U Fldn Aq (Monitor 70 Moon Lake Deep 23 ROMP 32 U Fldn Aq (Aryk) Monitor 71 ROMP 89 U Fldn Aq Monitor 24 Verna Test 0-1 72 SR 52 Deep West nr Fivay Junction 25 ROMP 18 X U Fldn Aq (Swnn) Monitor 73 Hillsborough River State Park Parking Lot Deep 26 ROMP 28 X U Fldn Aq (Monitor 74 ROMP TR 13-3 U Fldn Aq Monitor 27 ROMP 17 U Fldn Aq (Swnn) Monitor 75 ROMP TR 3-3 U Fldn Aq (Swnn) Mon | 12 | Manasota 14 Deep | 60 | ROMP 40 U Fldn Aq Monitor |
| 15 | 13 | ROMP 116 U Fldn Aq Monitor | 61 | |
| Loughman Deep 64 ROMP 48 U Fldn Aq (Tmpa/Swnn) Monitor Coley Deep 65 ROMP 66 U Fldn Aq Monitor Monitor ROMP 59 U Fldn Aq Interface Monitor 67 ROMP 59 U Fldn Aq Interface Monitor 67 ROMP 13 U Fldn Aq Monitor 70 ROMP 59 U Fldn Aq Interface Monitor 68 ROMP 13 U Fldn Aq (Ocal-Avpk-Oldm) Monitor 71 ROMP TR 3-1 U Fldn Aq Monitor 69 ROMP 134 U Fldn Aq Monitor 70 Moon Lake Deep 71 ROMP 43 XX U Fldn Aq Monitor 71 ROMP RR 3-1 U Fldn Aq Monitor 70 Moon Lake Deep 71 ROMP 19 U Fldn Aq (Swnh) Monitor 71 ROMP 89 U Fldn Aq Monitor 71 ROMP 89 U Fldn Aq Monitor 72 SR 52 Deep West nr Fivay Junction 73 Hillsborough River State Park Parking Lot Deep 73 ROMP 19X U Fldn Aq Monitor 74 ROMP TR 13-3 U Fldn Aq Monitor 75 ROMP 17 T L Arca Aq Interface Monitor 75 ROMP TR 7-1 L Arca Aq Interface Monitor 76 Kibler Deep 77 ROMP TR 7-1 L Arca Aq Interface Monitor 77 ROMP TR 7-4 U Fldn Aq (Swnn) Monitor 78 ROMP TR 7-4 U Fldn Aq (Swnn) Monitor 79 ROMP TR 7-4 U Fldn Aq (Swnn) Monitor 79 ROMP TR 7-4 U Fldn Aq (Swnn) Monitor 79 ROMP TR 7-4 U Fldn Aq (Swnn) Monitor 79 ROMP 13 U Fldn Aq (Swnn) Monitor 79 ROMP 11 U Fldn Aq (Swnn) Monitor 79 ROMP 12 U Fldn Aq (Swnn) Monitor 79 ROMP 12 U Fldn Aq (Swnn) Monitor 79 ROMP 12 U Fldn Aq (Swnn) Monitor 79 ROMP 13 U Fldn Aq Monitor 7 | 14 | Big Slough Deep | 62 | ROMP 107 U Fldn Aq Monitor |
| 17 Coley Deep 65 ROMP 66 U Fldn Aq Monitor 18 Mascotte Deep (L-0062) 66 ROMP 31 U Fldn Aq Monitor 19 ROMP 59 U Fldn Aq Interface Monitor 67 ROMP 120 U Fldn Aq Monitor 20 ROMP 45 U Fldn Aq (Avpk) Monitor 68 ROMP 134 U Fldn Aq (Ocal-Avpk-Oldm) Monitor 21 ROMP TR 3-1 U Fldn Aq Monitor 70 Mon Lake Deep 22 ROMP 33X U Fldn Aq Monitor 70 Moon Lake Deep 23 ROMP 32 U Fldn Aq (Avpk) Monitor 71 ROMP 89 U Fldn Aq Monitor 24 Verna Test 0-1 72 SR 52 Deep West nr Fivay Junction 25 ROMP 19X U Fldn Aq (Swnn) Monitor 73 Hillsborough River State Park Parking Lot Deep 26 ROMP 28X U Fldn Aq Monitor 74 ROMP TR 13-3 U Fldn Aq Monitor 27 ROMP TR 7-1 L Arca Aq Interface Monitor 75 ROMP TR 15-1 U Fldn Aq Sulfate Monitor 28 ROMP TR 1-2 U Fldn Aq (Swnn) Monitor 76 Kibler Deep 29 ROMP 17 U Fldn Aq (Swnn) Monitor 77 ROMP TR 7-4 U Fldn Aq (Swnn) Monitor 30 ROMP 58 U Fldn Aq (Monitor 78 Marshall Deep (USGS) 31 ROMP 60 U Fldn Aq (Swnn) Monitor 80 ROMP 11 U Fldn Aq (Swnn) Monitor 32 ROMP 22 U Fldn Aq (Swnn) Monitor 80 ROMP 19 U Fldn Aq (Swnn) Monitor 33 Sumter 13 JC 59 Up Fldn Repl 81 ROMP 19 U Fldn Aq (Swnn) Monitor 34 ROMP 9 U Fldn Aq (Swnn) Monitor 35 Tarpon Road Deep 36 ROMP 123 Htrn As/U Fldn Aq Monitor 37 ROMP 88 U Fldn Aq Monitor 38 Inverness DOT Fldn 39 Pinellas 665 Fldn 40 Lykes Pasco Fldn 41 ROMP 19 U Fldn Aq Monitor 42 SR 52 And CR 581 Deep 43 ROMP 93 U Fldn Aq Monitor 44 ROMP 93 U Fldn Aq Monitor 45 ROMP 97 U Fldn Aq Monitor 46 North Lecanto Deep 47 Chassahowitzka 1 Deep | 15 | Englewood 14 Deep | 63 | ROMP TR 10-2 U Fldn Aq Monitor |
| Mascotte Deep (L-0062) ROMP 59 U Fldn Aq Interface Monitor ROMP 59 U Fldn Aq (Avpk) Monitor ROMP 45 U Fldn Aq Monitor ROMP 32 U Fldn Aq Monitor ROMP 32 U Fldn Aq (Avpk) Monitor ROMP 32 U Fldn Aq (Swnn) Monitor ROMP 45 U Fldn Aq (Swnn) Monitor ROMP 58 U Fldn Aq (Swnn) Monitor ROMP 90 U Fldn Aq (Swnn) Monitor ROMP 90 U Fldn Aq (Swnn) Monitor ROMP 90 U Fldn Aq Monitor ROMP 90 U Fldn Aq Monitor ROMP 91 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor ROMP 98 U Fldn Aq Monitor | 16 | Loughman Deep | 64 | ROMP 48 U Fldn Aq (Tmpa/Swnn) Monitor |
| ROMP 59 U Fldn Aq Interface Monitor ROMP 45 U Fldn Aq (Avpk) Monitor ROMP 45 U Fldn Aq (Avpk) Monitor ROMP TR 3-1 U Fldn Aq Monitor ROMP 32 U Fldn Aq (Avpk) Monitor ROMP 32 U Fldn Aq (Swnn) Monitor ROMP 193 U Fldn Aq (Swnn) Monitor ROMP 193 U Fldn Aq (Swnn) Monitor ROMP 193 U Fldn Aq Monitor ROMP 193 U Fldn Aq Monitor ROMP 193 U Fldn Aq Monitor ROMP 178 T-1 L Arca Aq Interface Monitor ROMP TR 7-1 L Arca Aq Interface Monitor ROMP TR 1-2 U Fldn Aq Monitor ROMP TR 1-2 U Fldn Aq Monitor ROMP TR 1-2 U Fldn Aq Monitor ROMP SB U Fldn Aq (Swnn) Monitor ROMP SB U Fldn Aq Monitor | 17 | Coley Deep | 65 | ROMP 66 U Fldn Aq Monitor |
| ROMP 45 U Fldn Aq (Avpk) Monitor ROMP TR 3-1 U Fldn Aq Monitor ROMP TR 3-1 U Fldn Aq Monitor ROMP TR 3-1 U Fldn Aq Monitor ROMP 32 U Fldn Aq Monitor ROMP 32 U Fldn Aq (Avpk) Monitor ROMP 32 U Fldn Aq (Swnn) Monitor ROMP 19X U Fldn Aq (Swnn) Monitor ROMP 19X U Fldn Aq Monitor ROMP 28X U Fldn Aq Monitor ROMP 18 1-2 U Fldn Aq Monitor ROMP 18 1-2 U Fldn Aq Monitor ROMP 18 1-2 U Fldn Aq Monitor ROMP 17 U Fldn Aq (Swnn) Monitor ROMP 18 U Fldn Aq Monitor ROMP 19 U Fldn Aq (Swnn) Monitor ROMP 11 U Fldn Aq (Swnn) Monitor ROMP 12 U Fldn Aq (Swnn) Monitor ROMP 13 U Fldn Aq (Swnn) Monitor ROMP 19 U Fldn Aq Monitor | 18 | Mascotte Deep (L-0062) | 66 | ROMP 31 U Fldn Aq Monitor |
| ROMP 45 U Fldn Aq (Avpk) Monitor ROMP TR 3-1 U Fldn Aq Monitor ROMP TR 3-1 U Fldn Aq Monitor ROMP TR 3-1 U Fldn Aq Monitor ROMP 32 U Fldn Aq Monitor ROMP 32 U Fldn Aq (Avpk) Monitor ROMP 32 U Fldn Aq (Swnn) Monitor ROMP 19X U Fldn Aq (Swnn) Monitor ROMP 19X U Fldn Aq Monitor ROMP 28X U Fldn Aq Monitor ROMP 18 1-2 U Fldn Aq Monitor ROMP 18 1-2 U Fldn Aq Monitor ROMP 18 1-2 U Fldn Aq Monitor ROMP 17 U Fldn Aq (Swnn) Monitor ROMP 18 U Fldn Aq Monitor ROMP 19 U Fldn Aq (Swnn) Monitor ROMP 11 U Fldn Aq (Swnn) Monitor ROMP 12 U Fldn Aq (Swnn) Monitor ROMP 13 U Fldn Aq (Swnn) Monitor ROMP 19 U Fldn Aq Monitor | 19 | ROMP 59 U Fldn Aq Interface Monitor | 67 | ROMP 120 U Fldn Aq Monitor |
| ROMP 43XX U Fldn Aq Monitor ROMP 32 U Fldn Aq (Avpk) Monitor FROMP 32 U Fldn Aq (Avpk) Monitor FROMP 32 U Fldn Aq (Swnn) Monitor FROMP 19X U Fldn Aq (Swnn) Monitor FROMP 19X U Fldn Aq (Swnn) Monitor FROMP 19X U Fldn Aq Monitor FROMP 18X U Fldn Aq (Swnn) Monitor FROMP 22 U Fldn Aq (Swnn) Monitor FROMP 22 U Fldn Aq (Swnn) Monitor FROMP 24 U Fldn Aq (Swnn) Monitor FROMP 25 U Fldn Aq (Swnn) Monitor FROMP 27 U Fldn Aq (Swnn) Monitor FROMP 28X U Fldn Aq Monitor | 20 | | 68 | ROMP 134 U Fldn Aq (Ocal-Avpk-Oldm) Monitor |
| ROMP 32 U Fldn Aq (Avpk) Monitor Yerna Test 0-1 ROMP 19X U Fldn Aq (Swnn) Monitor ROMP 19X U Fldn Aq (Swnn) Monitor ROMP 19X U Fldn Aq (Swnn) Monitor ROMP 28X U Fldn Aq Monitor ROMP 28X U Fldn Aq Monitor ROMP TR 7-1 L Arca Aq Interface Monitor ROMP TR 7-1 L Arca Aq Interface Monitor ROMP TR 7-1 L Arca Aq Interface Monitor ROMP TR 1-2 U Fldn Aq Monitor ROMP 17 U Fldn Aq (Swnn) Monitor ROMP 58 U Fldn Aq Monitor ROMP 58 U Fldn Aq (Swnn) Monitor ROMP 60 U Fldn Aq (Avpk) Monitor Repl ROMP 60 U Fldn Aq (Swnn) Monitor ROMP 50 U Fldn Aq Monitor | 21 | ROMP TR 3-1 U Fldn Aq Monitor | 69 | ROMP TR 124 U Fldn Aq Monitor (Avpk) 2 |
| Verna Test 0-1 Normal Test 0-1 Tes | 22 | ROMP 43XX U Fldn Aq Monitor | 70 | Moon Lake Deep |
| ROMP 19X U Fldn Aq (Swnn) Monitor ROMP 28X U Fldn Aq Monitor ROMP TR 7-1 L Arca Aq Interface Monitor ROMP TR 7-1 U Fldn Aq Monitor ROMP TR 7-1 U Fldn Aq Monitor ROMP TR 1-2 U Fldn Aq Monitor ROMP TR 1-2 U Fldn Aq (Swnn) Monitor ROMP TR 7-4 U Fldn Aq (Swnn) Monitor ROMP 58 U Fldn Aq Monitor ROMP 58 U Fldn Aq Monitor ROMP 60 U Fldn Aq (Avpk) Monitor Repl ROMP 60 U Fldn Aq (Swnn) Monitor ROMP 52 U Fldn Aq (Swnn) Monitor ROMP 52 U Fldn Aq (Swnn) Monitor ROMP 90 U Fldn Aq (Swnn) Monitor ROMP 90 U Fldn Aq (Swnn) Monitor ROMP 13H Trn As/U Fldn Aq Monitor ROMP 123 Hrn As/U Fldn Aq Monitor ROMP 134 ROMP 139 U Fldn Aq Monitor ROMP 119 U Fldn Aq Sulfate Monitor ROMP 30 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor Chassahowitzka 1 Deep Chassahowitzka 1 Deep | 23 | ROMP 32 U Fldn Aq (Avpk) Monitor | 71 | ROMP 89 U Fldn Aq Monitor |
| 26 ROMP 28X U Fldn Aq Monitor 27 ROMP TR 7-1 L Arca Aq Interface Monitor 28 ROMP TR 7-1 L Arca Aq Interface Monitor 29 ROMP TR 1-2 U Fldn Aq Monitor 20 ROMP TR 1-2 U Fldn Aq Monitor 30 ROMP 58 U Fldn Aq Monitor 31 ROMP 58 U Fldn Aq (Avpk) Monitor Repl 32 ROMP 22 U Fldn Aq (Avpk) Monitor Repl 33 ROMP 22 U Fldn Aq (Swnn) Monitor 34 ROMP 25 U Fldn Aq (Swnn) Monitor 35 ROMP 27 U Fldn Aq (Swnn) Monitor 36 ROMP 19 U Fldn Aq (Swnn) Monitor 37 ROMP 19 U Fldn Aq (Swnn) Monitor 38 ROMP 9 U Fldn Aq (Swnn) Monitor 39 ROMP 19 U Fldn Aq (Swnn) Monitor 30 ROMP 19 U Fldn Aq (Swnn) Monitor 31 ROMP 88 U Fldn Aq Monitor 32 ROMP 19 U Fldn Aq (Swnn) Monitor 33 Sumter 13 JC 59 Up Fldn Repl 34 ROMP 123 Htrn As/U Fldn Aq Monitor 35 Tarpon Road Deep 36 ROMP 123 Htrn As/U Fldn Aq Monitor 37 ROMP 88 U Fldn Aq Monitor 38 Inverness DOT Fldn 39 Pinellas 665 Fldn 40 Lykes Pasco Fldn 41 ROMP 119 U Fldn Aq Sulfate Monitor 42 SR 52 And CR 581 Deep 43 ROMP 93 U Fldn Aq Monitor 44 ROMP 30 U Fldn Aq Monitor 45 ROMP 97 U Fldn Aq Monitor 46 North Lecanto Deep 47 Chassahowitzka 1 Deep | 24 | Verna Test 0-1 | 72 | SR 52 Deep West nr Fivay Junction |
| ROMP TR 7-1 L Arca Aq Interface Monitor ROMP TR 1-2 U Fldn Aq Monitor ROMP TR 1-2 U Fldn Aq Monitor ROMP TR 1-2 U Fldn Aq (Swnn) Monitor ROMP 58 U Fldn Aq Monitor ROMP 58 U Fldn Aq Monitor ROMP 58 U Fldn Aq Monitor ROMP 60 U Fldn Aq (Avpk) Monitor Repl ROMP 22 U Fldn Aq (Swnn) Monitor ROMP 22 U Fldn Aq (Swnn) Monitor ROMP 25 U Fldn Aq (Swnn) Monitor ROMP 27 U Fldn Aq (Swnn) Monitor ROMP 28 U Fldn Aq (Swnn) Monitor ROMP 9 U Fldn Aq (Swnn) Monitor ROMP 9 U Fldn Aq (Swnn) Monitor ROMP 123 Htrn As/U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor ROMP 123 Htrn As/U Fldn Aq Monitor ROMP 190 U Fldn Aq Sulfate Monitor ROMP 190 U Fldn Aq Monitor | 25 | ROMP 19X U Fldn Aq (Swnn) Monitor | 73 | Hillsborough River State Park Parking Lot Deep |
| ROMP TR 1-2 U Fldn Aq Monitor ROMP 17 U Fldn Aq (Swnn) Monitor ROMP 58 U Fldn Aq Monitor ROMP 60 U Fldn Aq (Avpk) Monitor ROMP 22 U Fldn Aq (Avpk) Monitor ROMP 22 U Fldn Aq (Swnn) Monitor ROMP 11 U Fldn Aq (Swnn) Monitor ROMP 22 U Fldn Aq (Swnn) Monitor ROMP 12 U Fldn Aq (Swnn) Monitor ROMP 9 U Fldn Aq (Swnn) Monitor ROMP 9 U Fldn Aq (Swnn) Monitor ROMP 9 U Fldn Aq (Swnn) Monitor ROMP 123 Htrn As/U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor ROMP 129 U Fldn Aq Sulfate Monitor ROMP 129 U Fldn Aq Sulfate Monitor ROMP 93 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor | 26 | ROMP 28X U Fldn Aq Monitor | 74 | ROMP TR 13-3 U Fldn Aq Monitor |
| ROMP 17 U Fldn Aq (Swnn) Monitor ROMP 58 U Fldn Aq Monitor ROMP 60 U Fldn Aq (Avpk) Monitor Repl ROMP 60 U Fldn Aq (Avpk) Monitor Repl ROMP 22 U Fldn Aq (Swnn) Monitor ROMP 22 U Fldn Aq (Swnn) Monitor ROMP 19 U Fldn Aq (Swnn) Monitor ROMP 9 U Fldn Aq (Swnn) Monitor ROMP 9 U Fldn Aq (Swnn) Monitor ROMP 9 U Fldn Aq (Swnn) Monitor ROMP 123 Htrn As/U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor ROMP 19 U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor ROMP 19 U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor ROMP 19 U Fldn Aq Sulfate Monitor ROMP 19 U Fldn Aq Sulfate Monitor ROMP 19 U Fldn Aq Monitor ROMP 19 U Fldn Aq Monitor ROMP 19 U Fldn Aq Monitor ROMP 93 U Fldn Aq Monitor ROMP 93 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor | 27 | ROMP TR 7-1 L Arca Aq Interface Monitor | 75 | ROMP TR 5-1 U Fldn Aq Sulfate Monitor |
| ROMP 58 U Fldn Aq Monitor ROMP 60 U Fldn Aq (Avpk) Monitor Repl ROMP 22 U Fldn Aq (Swnn) Monitor ROMP 32 ROMP 22 U Fldn Aq (Swnn) Monitor ROMP 33 Sumter 13 JC 59 Up Fldn Repl ROMP 9 U Fldn Aq (Swnn) Monitor ROMP 123 Htrn As/U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor ROMP 123 Htrn As/U Fldn Aq Monitor ROMP 124 Htrn As/U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor ROMP 19 U Fldn Aq Monitor ROMP 19 U Fldn Aq Monitor ROMP 19 U Fldn Aq Sulfate Monitor ROMP 19 U Fldn Aq Sulfate Monitor ROMP 19 U Fldn Aq Monitor ROMP 30 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor ROMP 19 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor ROMP 19 U Fldn Aq Monitor | 28 | ROMP TR 1-2 U Fldn Aq Monitor | 76 | Kibler Deep |
| ROMP 60 U Fldn Aq (Avpk) Monitor Repl ROMP 22 U Fldn Aq (Swnn) Monitor ROMP 22 U Fldn Aq (Swnn) Monitor ROMP 9 U Fldn Aq (Swnn) Monitor ROMP 80 U Fldn Aq (Swnn) Monitor ROMP 88 U Fldn Aq Monitor ROMP 119 U Fldn Aq Sulfate Monitor ROMP 119 U Fldn Aq Sulfate Monitor ROMP 119 U Fldn Aq Monitor ROMP 93 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor | 29 | ROMP 17 U Fldn Aq (Swnn) Monitor | 77 | ROMP TR 7-4 U Fldn Aq (Swnn) Monitor |
| ROMP 22 U Fldn Aq (Swnn) Monitor Sumter 13 JC 59 Up Fldn Repl ROMP 9 U Fldn Aq (Swnn) Monitor ROMP 9 U Fldn Aq (Swnn) Monitor Tarpon Road Deep ROMP 123 Htrn As/U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor Inverness DOT Fldn Pinellas 665 Fldn Lykes Pasco Fldn ROMP 119 U Fldn Aq Sulfate Monitor ROMP 119 U Fldn Aq Sulfate Monitor ROMP 30 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor Chassahowitzka 1 Deep | 30 | ROMP 58 U Fldn Aq Monitor | 78 | Marshall Deep (USGS) |
| Sumter 13 JC 59 Up Fldn Repl ROMP 9 U Fldn Aq (Swnn) Monitor Tarpon Road Deep ROMP 123 Htrn As/U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor Inverness DOT Fldn Pinellas 665 Fldn Lykes Pasco Fldn ROMP 119 U Fldn Aq Sulfate Monitor ROMP 119 U Fldn Aq Sulfate Monitor ROMP 30 U Fldn Aq Monitor ROMP 93 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor Chassahowitzka 1 Deep | 31 | ROMP 60 U Fldn Aq (Avpk) Monitor Repl | 79 | ROMP 111 U Fldn Aq Monitor |
| ROMP 9 U Fldn Aq (Swnn) Monitor Tarpon Road Deep ROMP 123 Htrn As/U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor Inverness DOT Fldn Pinellas 665 Fldn Lykes Pasco Fldn ROMP 119 U Fldn Aq Sulfate Monitor SR 52 And CR 581 Deep ROMP 93 U Fldn Aq Monitor ROMP 30 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor North Lecanto Deep Chassahowitzka 1 Deep | 32 | ROMP 22 U Fldn Aq (Swnn) Monitor | 80 | ROMP 19 U Fldn Aq (Swnn) Monitor |
| Tarpon Road Deep ROMP 123 Htrn As/U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor Inverness DOT Fldn Pinellas 665 Fldn Lykes Pasco Fldn ROMP 119 U Fldn Aq Sulfate Monitor SR 52 And CR 581 Deep ROMP 30 U Fldn Aq Monitor ROMP 30 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor North Lecanto Deep Chassahowitzka 1 Deep | 33 | Sumter 13 JC 59 Up Fldn Repl | 81 | ROMP TR SA-1 U Fldn Aq (Swnn) Monitor |
| ROMP 123 Htrn As/U Fldn Aq Monitor ROMP 88 U Fldn Aq Monitor Inverness DOT Fldn Pinellas 665 Fldn Lykes Pasco Fldn ROMP 119 U Fldn Aq Sulfate Monitor SR 52 And CR 581 Deep ROMP 30 U Fldn Aq Monitor ROMP 30 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor | 34 | ROMP 9 U Fldn Aq (Swnn) Monitor | | |
| ROMP 88 U Fldn Aq Monitor Inverness DOT Fldn Pinellas 665 Fldn Lykes Pasco Fldn ROMP 119 U Fldn Aq Sulfate Monitor SR 52 And CR 581 Deep ROMP 93 U Fldn Aq Monitor ROMP 30 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor North Lecanto Deep Chassahowitzka 1 Deep | 35 | Tarpon Road Deep | | |
| Inverness DOT Fldn Pinellas 665 Fldn Lykes Pasco Fldn ROMP 119 U Fldn Aq Sulfate Monitor SR 52 And CR 581 Deep ROMP 93 U Fldn Aq Monitor ROMP 30 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor North Lecanto Deep Chassahowitzka 1 Deep | 36 | ROMP 123 Htrn As/U Fldn Aq Monitor | | |
| Pinellas 665 Fldn Lykes Pasco Fldn ROMP 119 U Fldn Aq Sulfate Monitor SR 52 And CR 581 Deep ROMP 93 U Fldn Aq Monitor ROMP 30 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor North Lecanto Deep Chassahowitzka 1 Deep | 37 | ROMP 88 U Fldn Aq Monitor | | |
| 40 Lykes Pasco Fldn 41 ROMP 119 U Fldn Aq Sulfate Monitor 42 SR 52 And CR 581 Deep 43 ROMP 93 U Fldn Aq Monitor 44 ROMP 30 U Fldn Aq Monitor 45 ROMP 97 U Fldn Aq Monitor 46 North Lecanto Deep 47 Chassahowitzka 1 Deep | 38 | Inverness DOT Fldn | | |
| ROMP 119 U Fldn Aq Sulfate Monitor SR 52 And CR 581 Deep ROMP 93 U Fldn Aq Monitor ROMP 30 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor North Lecanto Deep Chassahowitzka 1 Deep | 39 | Pinellas 665 Fldn | | |
| 42 SR 52 And CR 581 Deep 43 ROMP 93 U Fldn Aq Monitor 44 ROMP 30 U Fldn Aq Monitor 45 ROMP 97 U Fldn Aq Monitor 46 North Lecanto Deep 47 Chassahowitzka 1 Deep | 40 | Lykes Pasco Fldn | | |
| ROMP 93 U Fldn Aq Monitor ROMP 30 U Fldn Aq Monitor ROMP 97 U Fldn Aq Monitor North Lecanto Deep Chassahowitzka 1 Deep | 41 | ROMP 119 U Fldn Aq Sulfate Monitor | | |
| 44 ROMP 30 U Fldn Aq Monitor 45 ROMP 97 U Fldn Aq Monitor 46 North Lecanto Deep 47 Chassahowitzka 1 Deep | 42 | SR 52 And CR 581 Deep | | |
| 45 ROMP 97 U Fldn Aq Monitor 46 North Lecanto Deep 47 Chassahowitzka 1 Deep | 43 | ROMP 93 U Fldn Aq Monitor | | |
| 46 North Lecanto Deep 47 Chassahowitzka 1 Deep | 44 | ROMP 30 U Fldn Aq Monitor | | |
| 47 Chassahowitzka 1 Deep | 45 | • | | |
| · | 46 | • | | |
| 48 Bexley 2 Fldn | 47 | | | |
| | 48 | Bexley 2 Fldn | | |



DESCRIPTION OF PUBLIC SUPPLY SURFACE WATER RESERVOIRS

CITY OF TAMPA RESERVOIR (Hillsborough River Basin): Constructed in 1924, it is located on the Hillsborough River in Hillsborough County. It is the fourth largest public supply surface water facility in the District. It is the main water supply for the City of Tampa and has a total storage capacity of 1.7 billion gallons (bg). The total usable volume is 1.4 bg, when the reservoir elevation is 22.5 feet NGVD. It is an in-stream reservoir with a depth that ranges between nine and 22 feet. Given this amount of water, it is estimated that a 15-day supply of water is available from this facility over an extended dry period. During periods of low water due to drought conditions, the facility is permitted to pump water from two alternate sources. The first of these two sources is the Tampa Bypass Canal. Water is pumped over the water control structure at S-161 into the Hillsborough River above the dam. The second source is Sulphur Springs, just downstream from the dam, where water is captured at the spring and pumped back behind the dam. Withdrawals from both sources are in strict accordance with pumpage schedules as outlined in the facility's water use permit. When water levels fall below 12 feet NGVD, water cannot be withdrawn because the reservoir level is below the intake pipes. The permitted average daily withdrawal for this facility is 82 mgd, with a permitted maximum daily withdrawal of 104 mgd. Currently, ground water wells are not used to augment this facility. The minimum producible level is 9.00 feet.

PEACE RIVER RESERVOIRS - PEACE RIVER/MANASOTA REGIONAL WATER

SUPPLY AUTHORITY (Peace River Basin): The Peace River reservoirs are located in southwestern DeSoto County. They are an off-stream reservoir system consisting of two reservoirs that store surface water captured from the Peace River during wet periods. The first reservoir, Reservoir 1, was built in 1980 and encompasses approximately 85 acres, has a water depth of approximately 31 feet, and has a total storage capacity of approximately 625 million gallons. The second reservoir, Reservoir 2, was built in 2009, covers about 616 acres, has a water depth of approximately 35 feet, and has a total storage capacity of about 6.0 billion gallons. The PRMRWSA facility ranks as the third largest in the District for total volume storage and supplies water to Charlotte, DeSoto, Manatee and Sarasota counties and to the City of North Port. The facility also uses an aquifer storage recovery (ASR) system for storing treated water pumped from the river. The minimum producible level at Reservoir 1 is Elevation 8.0 feet, while Reservoir 2 is Elevation 27.0 feet.

MANATEE RESERVOIR (Manasota Basin): Completed in 1967 by the damming of the Manatee River, the Manatee Reservoir is the second largest of the six surface-water public supply facilities within the District. Located in Manatee County, this in-stream facility has a storage capacity of 7.5 bg. The service area of the Manatee reservoir is the unincorporated portions of Manatee County, the City of Palmetto and Anna Maria Island, and also the Sarasota SUD#1. This reservoir provides essentially all public supply for Manatee County, with the exception of the City of Bradenton. The total size of this reservoir is 1800 acres with an average depth of 15 feet. With the reservoir full, the

facility has approximately 220 days of available water supply. When the surface-water elevation drops below 21.0 feet, water cannot be withdrawn because levels are below the facility's intakes. The permitted average daily withdrawal for this facility is 34.9 mgd, with a permitted peak monthly quantity of 41.9 mgd. The minimum producible level is 21.00 feet.

EVERS RESERVOIR (Manasota Basin): Constructed in 1935 and expanded in 1985, it is located on the Braden River in Manatee County. This is the fifth largest public supply reservoir in the District. Its main service area is the City of Bradenton and approximately 500 customers outside the city. It has a total storage capacity of 1.5 bg. The total size of the facility is 300 acres with an average depth of 12 feet. Water ceases to flow over the dam when the level falls below 3.84 feet NGVD. During the 1985 drought, while expansion of the facility was taking place, the water level dropped to one foot below sea level and demand was still met. Given a completely full reservoir, with no water going over the spillway, it is estimated the facility could supply water for approximately 260 days, with no input from rainfall. The permitted average daily withdrawal for this facility is 6.95 mgd, with a permitted peak monthly quantity of 8.13 mgd. Currently, ground-water wells are not used to augment this facility.

SHELL CREEK RESERVOIR (Peace River Basin): Shell Creek Reservoir, located in Charlotte County, is the sixth largest surface water system within the District. This system was built in 1964 and services the City of Punta Gorda as well as unincorporated areas surrounding the city limits. The Shell Creek Reservoir is fed by two primary tributaries, Shell Creek from the east and Prairie Creek from the northwest. The total drainage area at Hendrickson Dam is 373 square miles. It has a surface area of 800 acres and depths of 10 to 12 feet. Total storage capacity is 765 mg. Even with this low volume of water, personnel at this facility estimate they have approximately 125 days of available supply with no input from rainfall. Water ceases to flow across the weir when surface elevations drop below 5.0 feet NGVD, and at 3.7 feet NGVD water quality becomes a major concern. When surface elevations drop below 1.75 feet NGVD, the water is below the intakes and withdrawal of water is not possible. The permitted average daily withdrawal by this facility is 5.358 mgd, with a permitted peak monthly quantity of 6.901 mgd. The minimum producible level is 1.70 feet.

C.W. BILL YOUNG REGIONAL RESERVOIR - TAMPA BAY WATER (Alafia River Basin): Constructed in early 2005, it is the largest public supply surface water facility in the District. Located in southern Hillsborough County, it is an off-stream reservoir that stores surface water skimmed from the Tampa Bypass Canal and Alafia and Hillsborough Rivers. It services the Tampa Bay region through the Tampa Bay Water regional public supply water distribution system. The reservoir has an estimated storage capacity of 15.0 bg when the water level elevation is 136.5 feet NGVD. The reservoir is approximately 45 feet deep, two miles long and one mile wide, and encompasses a land area of approximately 1,100 acres. It reportedly has the capacity to provide 25 percent of the Tampa Bay region's public supply needs for six months and can supply the Tampa Bay regional surface water treatment plant at full capacity for 227 days.