

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

An Overview of SWFWMD's Available Monitoring Data and Maps

Springs Coast Management Committee

Sandie Will, P.G.

Data Collection Bureau Chief

May 22, 2024

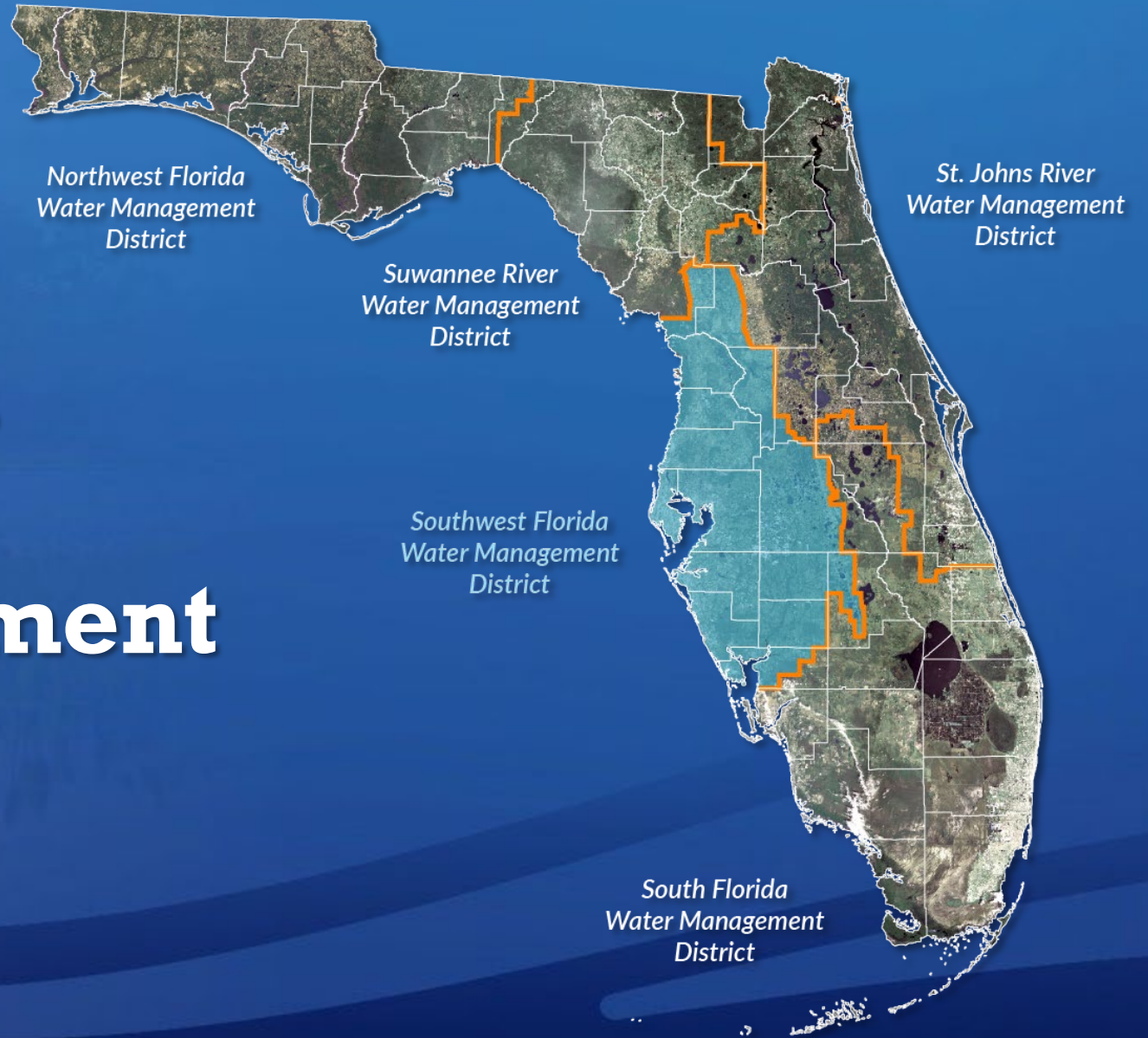
Southwest Florida
Water Management District

Southwest Florida
Water Management District

Presentation Agenda

- Brief overview of the:
 - District
 - Data Collection Bureau
 - Quality checks and data governance processes
 - Available data types
 - Websites used for data and map downloads
 - Contact information

Florida's Water Management Districts



Areas of Responsibility



Water Supply



Water Quality



Natural Systems



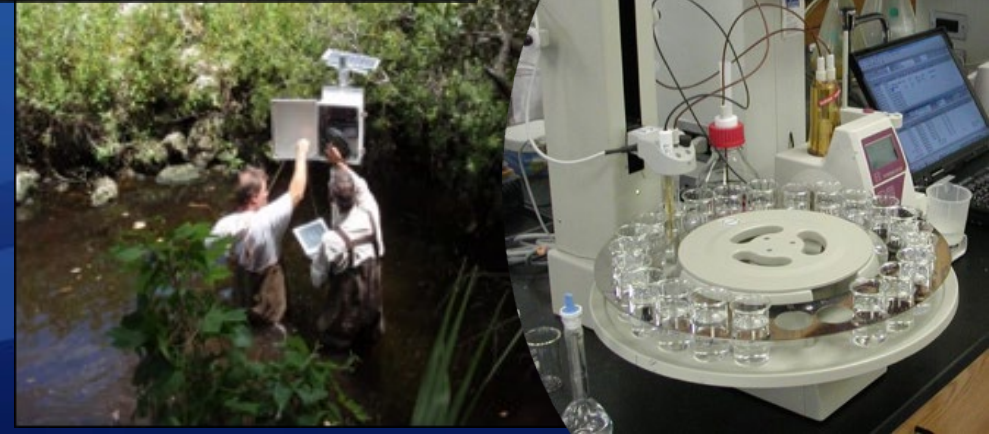
Flood Protection

OUR MISSION

- Protect Water Resources
- Minimize Flood Risks
- Ensure the Public's Water Needs Are Met

Data Collection Bureau Overview

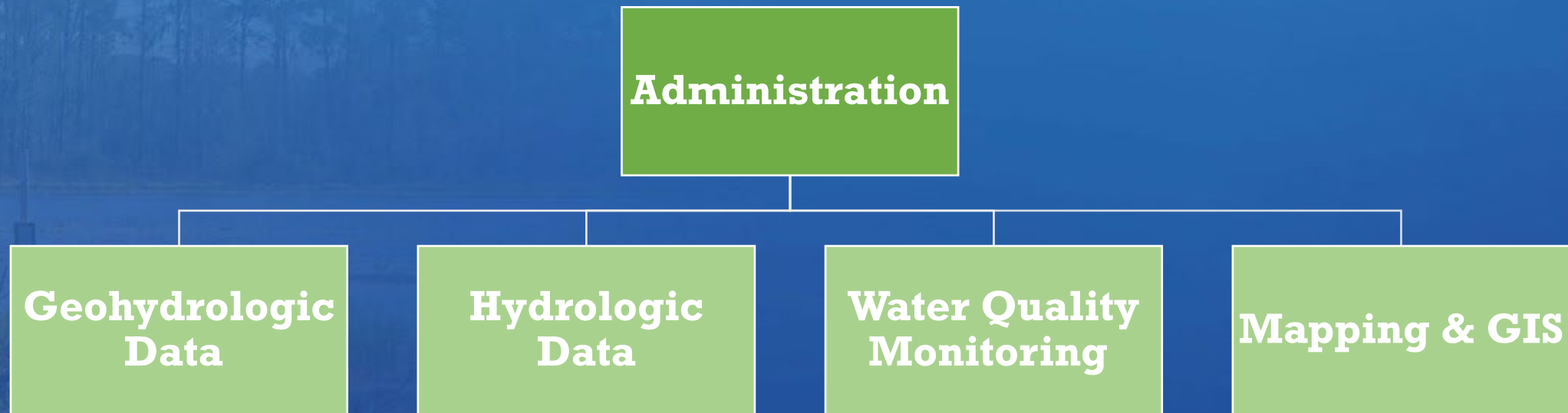
- Highly technical staff
- Responsible for:
 - Collecting data
 - Analyzing data
 - Storing data
 - Reporting data



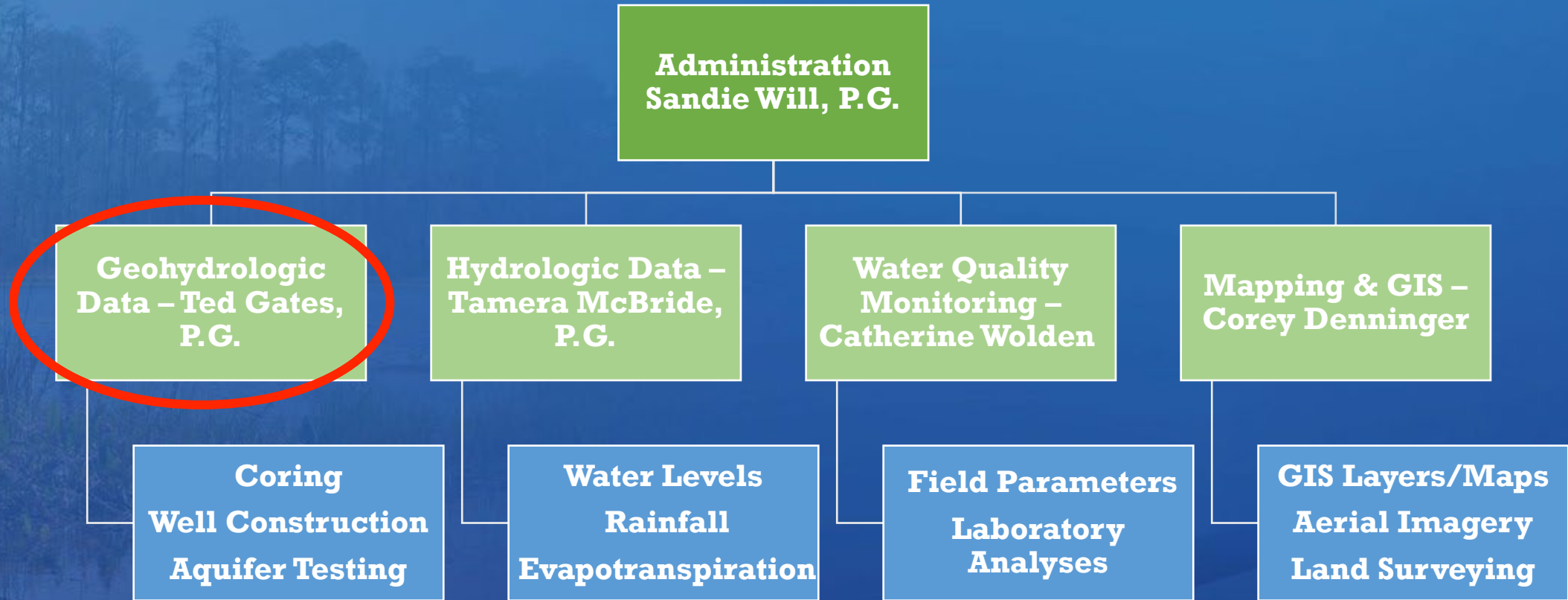
Internal Checks & Balances

- QA/QC checks
- Audits/peer reviews
 - Laboratory
 - Field staff
 - Lithologic data
- Data Governance
- Water Resources Data Collection Assessment Process

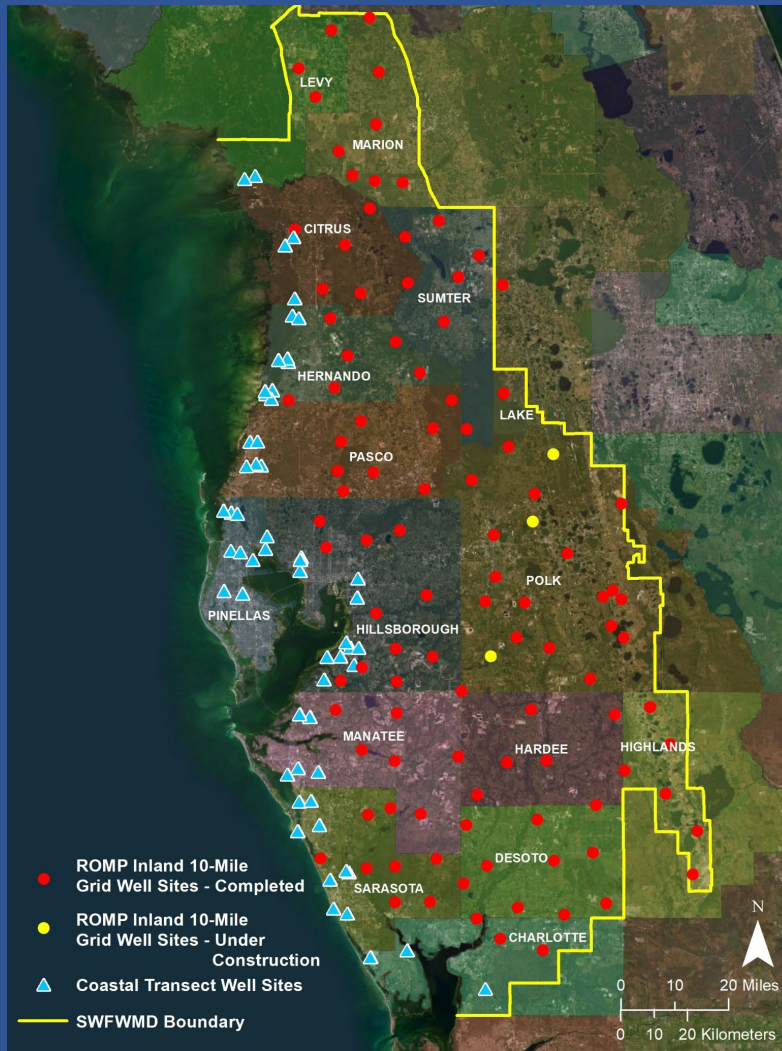
Data Collection Bureau Overview



Data Collection Bureau Overview



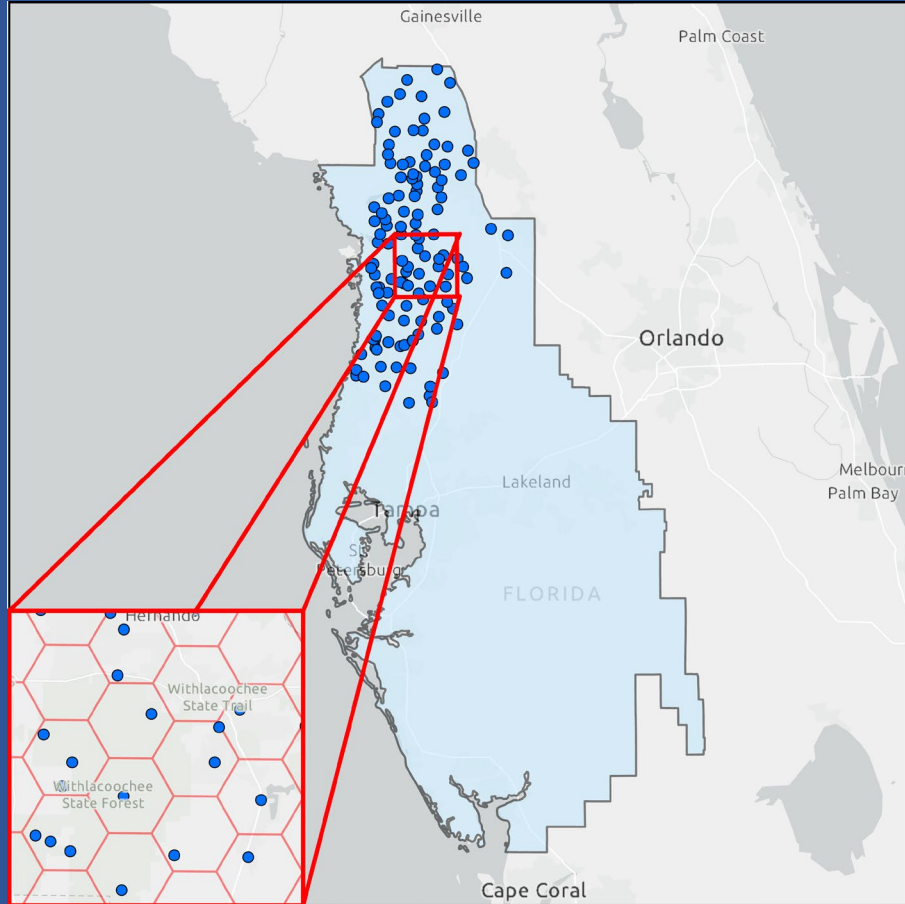
District Monitor Well Networks



Well Names Include:

- Coastal Transect = TR
- Regional Observation Monitor-well Program = ROMP

District Monitor Well Networks



- **Upper Floridan Aquifer Nutrient Monitoring Network (UFANMN)**
- **Network was statistically designed based on a grid system**
- **Names in database vary**
- **Includes District and residential wells**
- **Approximately 15 years of data**

SWFWMD's Main Page: watermatters.org

The screenshot shows the main page of the Southwest Florida Water Management District website. At the top, there is a navigation bar with the logo, the URL 'WATERMATTERS.ORG', a search icon, and a 'MENU' button. Below the navigation bar is a large banner with a background image of trees. The banner contains a yellow bar with the text 'NOW HIRING! View career opportunities »', a white text box with 'Welcome to the Southwest Florida Water Management District', and a search bar with the placeholder text 'Search for services, information and more'. Below the banner is a row of six colored buttons: 'About', 'Residents', 'Business', 'Programs & Projects', 'Resources', and 'Recreation'. The main content area is divided into a grid of eight sections. The first row contains: 'District Water Restrictions' (with a water tap icon), 'Skip a Week' (with a water tap icon), 'ePermitting' (with a swan icon), and 'Careers: It's My Life's Work' (with a 'Now Hiring' badge and a person icon). The second row contains: 'Data & Maps' (with a map icon, circled in red), 'Projects & Programs' (with a building icon), 'Download or Order the New Rec Guide' (with a 'RECREATION' guide icon), and 'Meetings & Events Calendar' (with a 'Workshop' calendar icon). The bottom section features two promotional banners: 'District Newsroom' with a stack of newspapers and 'Recreation' with a 'WATER MATTERS PODCAST' icon.



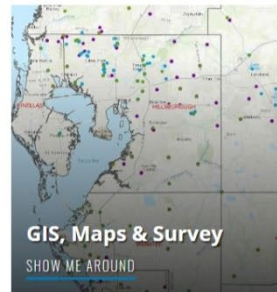
Data & Maps



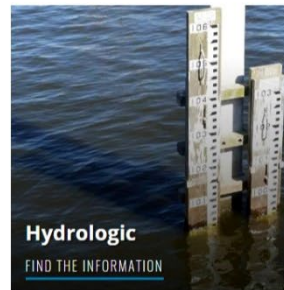
Demographics
[LEARN MORE](#)



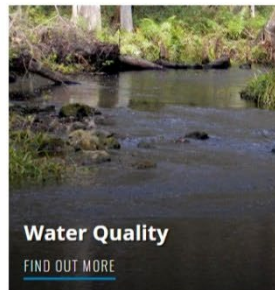
Geohydrologic
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GIS, Maps & Survey
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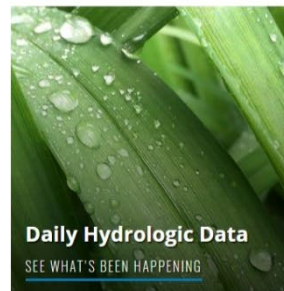
Hydrologic
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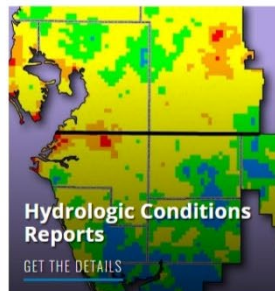
Water Quality
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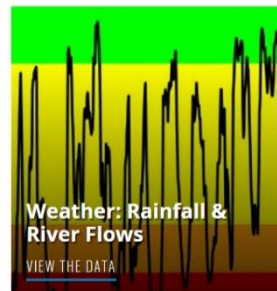
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Reports

The District issues reports after monitor well construction and aquifer testing. The reports are accessible from 1974 to present. New reports are added as they become available.



Recent Reports

- Well Construction at the Lake Aurora Well Site in Polk County, Florida
- Well Construction at the Trout Lake Well Site in Polk County, Florida
- Hydrogeology, Water Quality, and Well Construction at the ROMP 38 – Parrish Well Site in Manatee County, Florida
- Well Construction and Water Quality at the ROMP TR 19-3A – Heather Well Site in Hernando County, Florida



Geohydrologic Data Interactive Map »

View an interactive map of all Geohydrologic Data well sites, links to associated well site reports, lithologic core descriptions, geophysical logs, lithostratigraphic units, hydrostratigraphic units, and aquifer test characteristics for select well sites.

Stratigraphic Correlation Charts »

The naming convention used for the hydrogeologic units in the Southwest Florida Water Management District (District) are consistent with aquifer nomenclature guidelines proposed by Laney and Davidson (1986) and the North American Stratigraphic Code (2005). These correlation charts provide a comparison of the current nomenclature used at the District and in previously published reports. The correlation charts can be used to understand the progression of hydrostratigraphic and

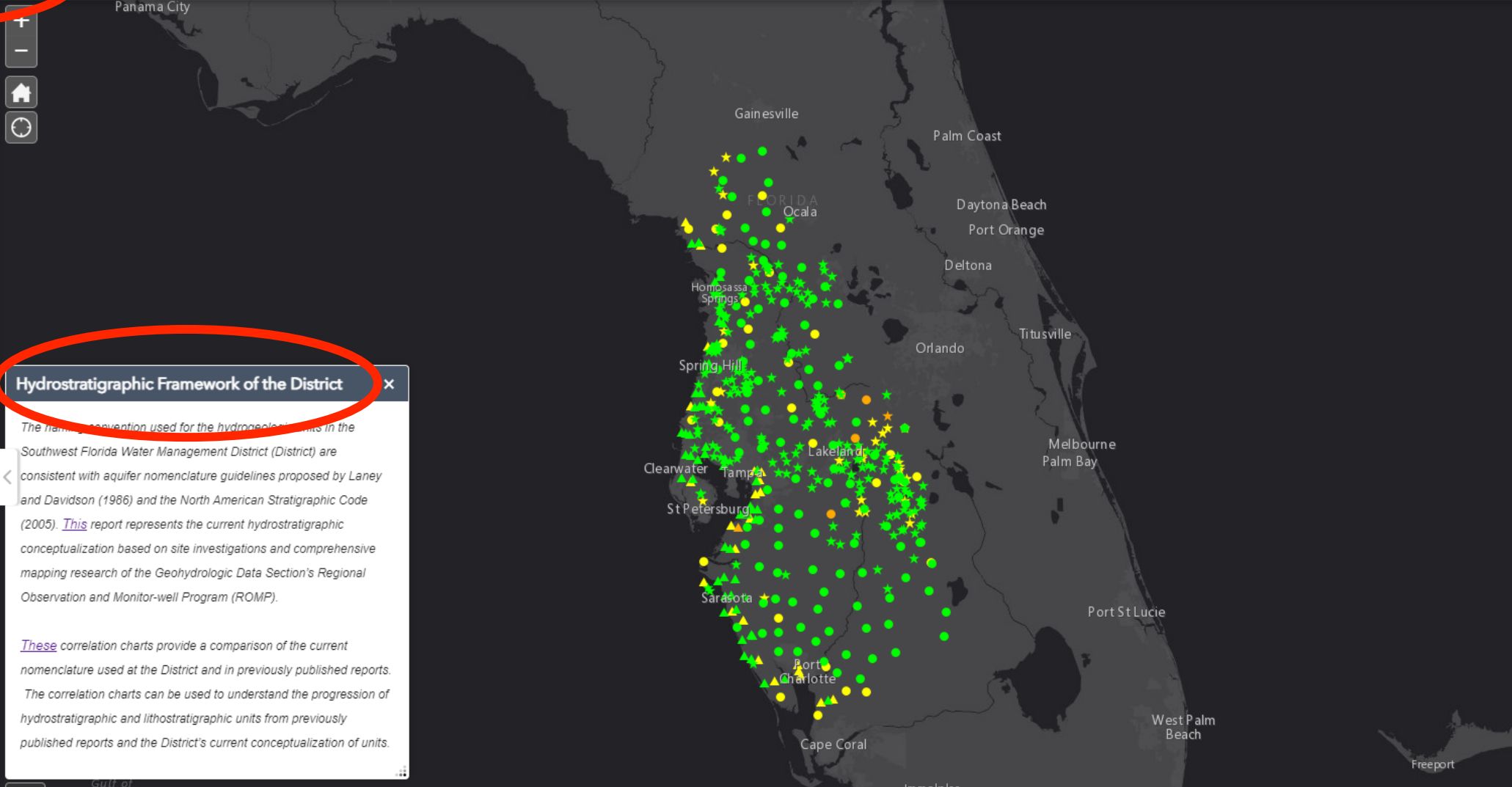
consequential, or other damages, including loss of profit, arising out of the use or inability to use these data even if the District has been advised of the possibility of such damages.

- Layers
- GEO Stations from EDP
 - Groundwater Stations
 - QWIP Wells
 - Geohydrologic Well Sites
 - Existing Well Sites
 - ROMP Inland Grid Network
 - Coastal Transect Network
 - Project Support Network
 - Under Construction Well Sites
 - ROMP Inland Grid Network
 - Coastal Transect Network
 - Project Support Network

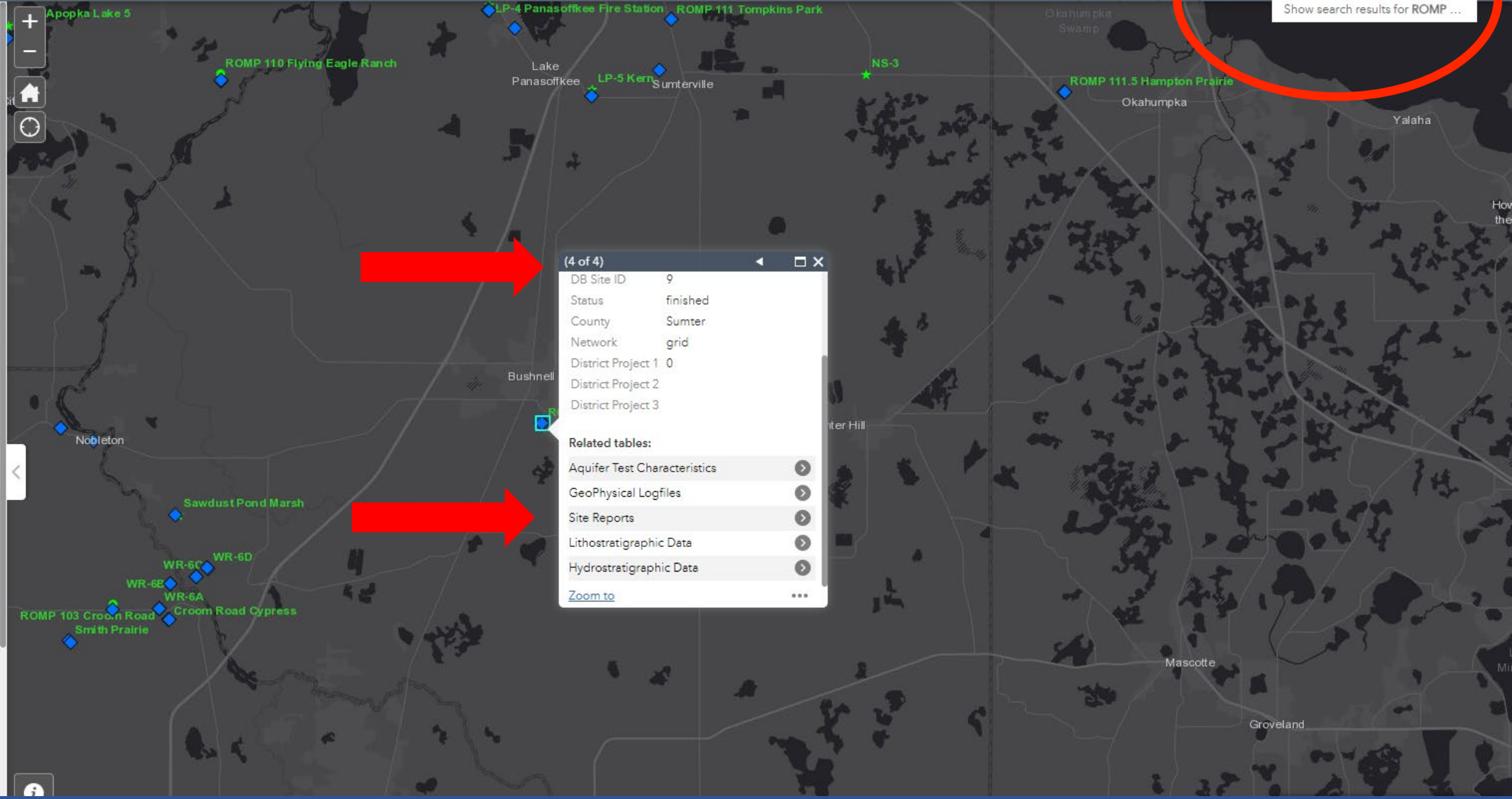
Hydrostratigraphic Framework of the District

The naming convention used for the hydrostratigraphic units in the Southwest Florida Water Management District (District) are consistent with aquifer nomenclature guidelines proposed by Laney and Davidson (1986) and the North American Stratigraphic Code (2005). [This](#) report represents the current hydrostratigraphic conceptualization based on site investigations and comprehensive mapping research of the Geohydrologic Data Section's Regional Observation and Monitor-well Program (ROMP).

[These](#) correlation charts provide a comparison of the current nomenclature used at the District and in previously published reports. The correlation charts can be used to understand the progression of hydrostratigraphic and lithostratigraphic units from previously published reports and the District's current conceptualization of units.



- Layers
- GEO Stations from EDP
- Groundwater Stations
- QWIP Wells
- Geohydrologic Well Sites
- Existing Well Sites
- ROMP Inland Grid Network
- Coastal Transect Network
- Project Support Network
- Under Construction Well Sites
- ROMP Inland Grid Network
- Coastal Transect Network
- Project Support Network
- Proposed Well Sites



Search bar containing the text "ROMP 102.5" and a dropdown menu with the option "Show search results for ROMP ...". The search bar and dropdown are circled in red.



(4 of 4)

| | |
|--------------------|----------|
| DB Site ID | 9 |
| Status | finished |
| County | Sumter |
| Network | grid |
| District Project 1 | 0 |
| District Project 2 | |
| District Project 3 | |

Related tables:

- Aquifer Test Characteristics
- GeoPhysical Logfiles
- Site Reports
- Lithostratigraphic Data
- Hydrostratigraphic Data

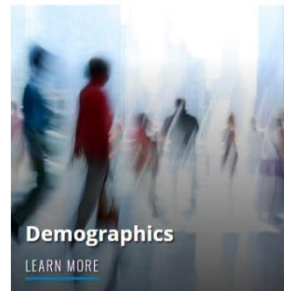
[Zoom to](#)

Data Collection Bureau Overview





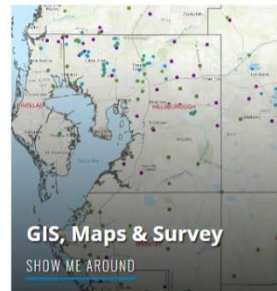
Data & Maps



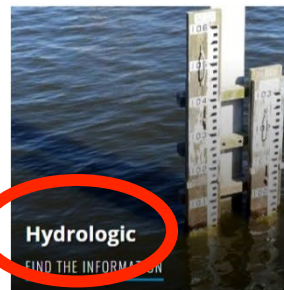
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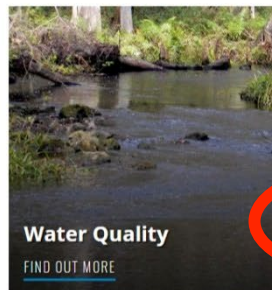
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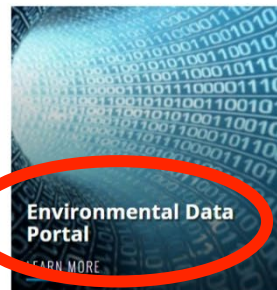
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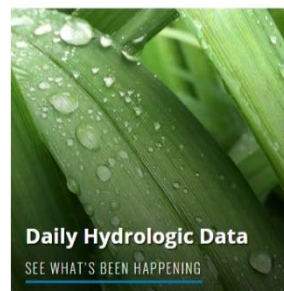
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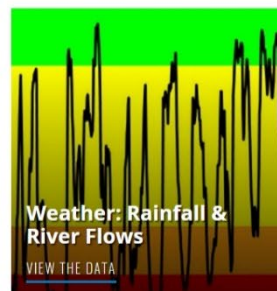
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Station Overview

Map Table

Export Search

Filter
1,957 / 11,011
Stations

Clear filter

Resource Type

Groundwater (1,957)

Station Type

Well (1,957)

Station Status

Active (1,957)

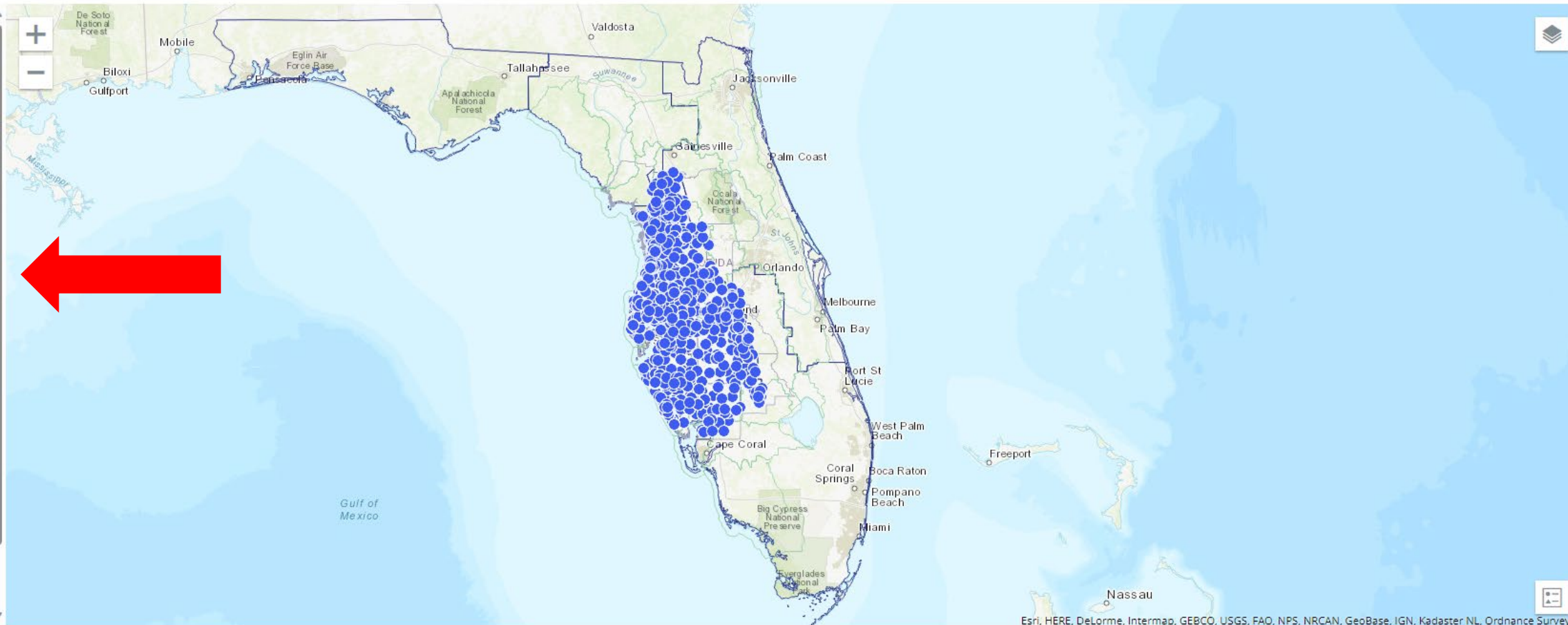
Primary Hydrostratigraphy

All

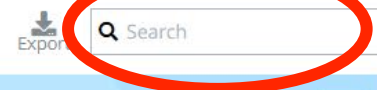
Project Number

All

Station Parameter Name



Station Overview



Filter

1,957 / 11,011
Stations

Clear filter

Resource Type

Groundwater (1,957)

Station Type

Well (1,957)

Station Status

Active (1,957)

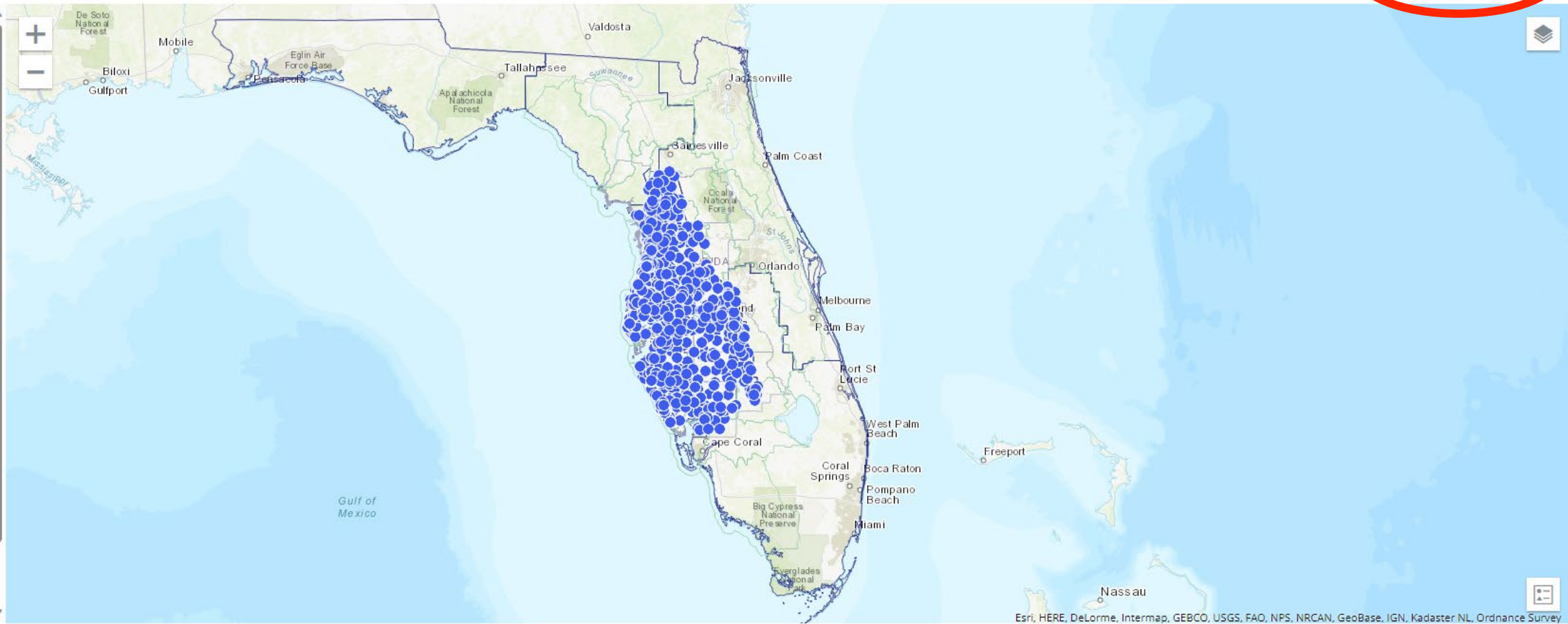
Primary
Hydrostratigraphy

All

Project Number

All

Station Parameter
Name



Station Overview

+ Advanced Search

User Instructions

District Data

Contact Us

Station Overview

Map Table

Export Search

Filter

1,957 / 11,011
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Clear filter

Resource Type

Groundwater (1,957)

Station Type

Well (1,957)

Station Status

Active (1,957)

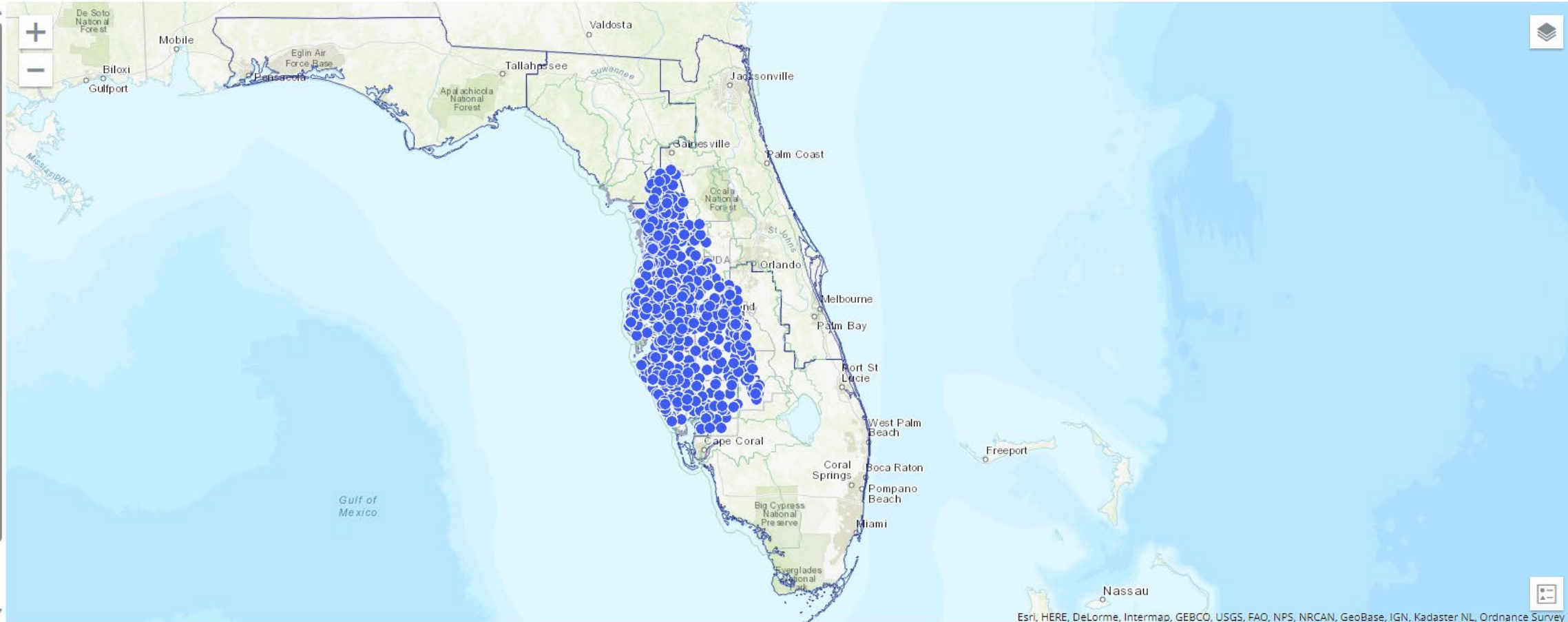
Primary
Hydrostratigraphy

All

Project Number

All

Station Parameter
Name



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Advanced Search

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Contact Us

Station Overview

Map Table

Export

Filter
11,011 / 11,011
Stations

Clear filter

Resource Type
All

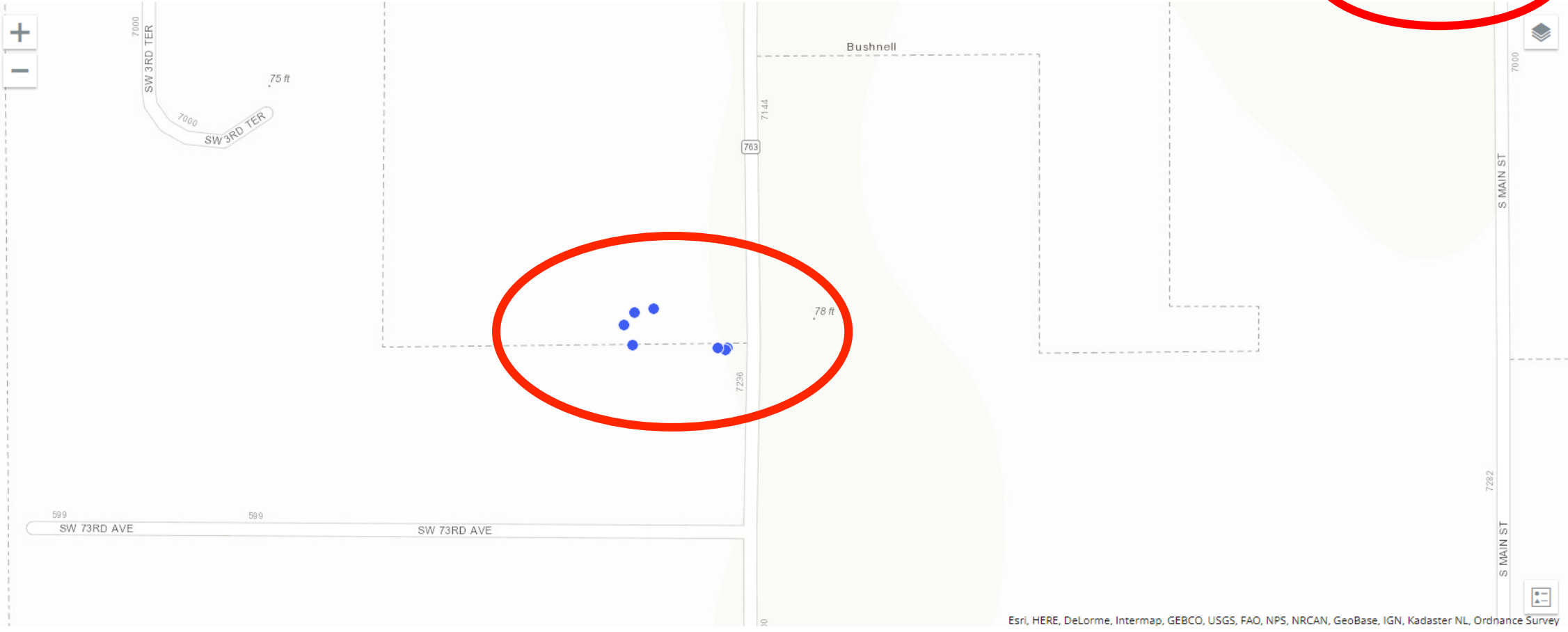
Station Type
All

Station Status
All

Primary Hydrostratigraphy
All

Project Number
All

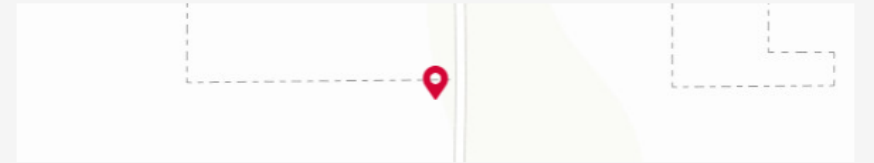
Station Parameter Name





ROMP 102.5 U Fldn Aq Monitor

Station Number: 738457 Latitude: 28.65031 WCP#: 806610
Resource Type: Groundwater Longitude: -82.10869 WUP#: 0
Station Type: Well USGS ID: 283901082063102



Hydrology Water Quality

Selection Graph

Search

Time Series

Water elevation

| Station Parameter Name | Time Series Name | Unit Name | From | To | ... |
|--|--------------------------------|-----------|------------------------|------------------------|-----|
| <input checked="" type="checkbox"/> WL | District Daily Maximum NAVD 88 | foot | 08/08/2011 12:00:00 AM | 01/29/2024 12:00:00 AM | |
| <input type="checkbox"/> WL | District Daily Maximum NGVD 29 | foot | 08/08/2011 12:00:00 AM | 01/29/2024 12:00:00 AM | |



ROMP 102.5 U Fldn Aq Monitor

Station Number: 738457

Latitude: 28.65031

WCP#: 806610

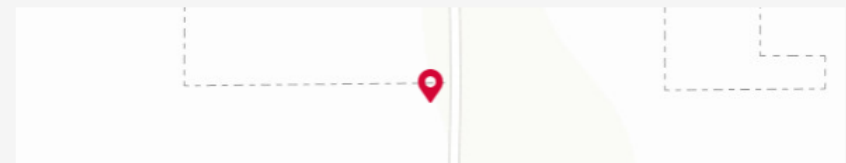
Resource Type: Groundwater

Longitude: -82.10869

WUP#: 0

Station Type: Well

USGS ID: 283901082063102



Hydrology Water Quality

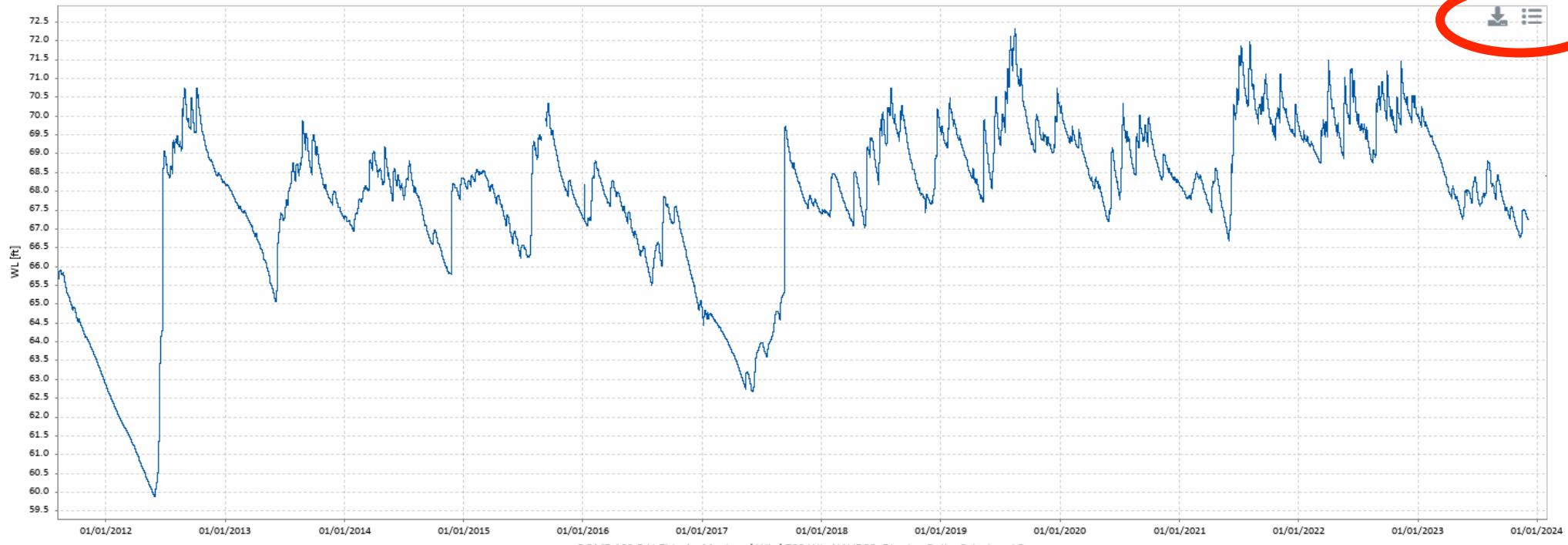
Selection **Graph**

Multiple Timeseries

3 d 10 d 1 m 3 m 1 y ∞

08/07/2011 01/29/2024

Water elevation



Generated at: 01/31/2024 10:15

ROMP 102.5 U Fldn Aq Monitor / WL / 700.WL_NAVD88_District_Daily_Calculated.P



Data & Maps

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Hydrologic Conditions Reports


The Hydrologic Conditions Report provides an excellent historical record for long-term local and regional hydrologic analysis.


The Hydrologic Conditions Report is generated monthly and provides an analytical summary of regional and temporal variations in the hydrologic conditions for planning and regulatory purposes. In addition, it provides an excellent historical record for long-term local and regional hydrologic analysis.


Data collected are used by the regulatory, technical, and analytical sections of the District. Data recently collected and maintained by the section include: station and basin rainfall totals, stream and spring discharge measurements, and surface and ground water levels. Frequency of data collection ranges from hourly to monthly readings. All data collected are processed and analyzed, then uploaded into the Water Management Data Base for general access by the District. The Water Management Data Base is also periodically augmented from the United States Geological Survey's hydrologic data network.

Reports

 [December 2023 Hydrologic Conditions Report](#)

 [November 2023 Hydrologic Conditions Report](#)

 [October 2023 Hydrologic Conditions Report](#)

 [September 2023 Hydrologic Conditions Report](#)

[Weather & Hydrology »](#)

[Weather: Rainfall and River Flow »](#)

[Hydrologic Conditions Reports](#)

[Hydrologic Data »](#)

Disclaimer: The user assumes the entire risk related to its use of these data. The Southwest Florida Water Management District provides these data on an "as is" basis and specifically disclaims any warranty, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular use. The entire risk as to quality and performance is with the user. In no event will the District or its staff be liable for any direct, indirect, incidental, special, consequential, or other damages, including



Data Collection Bureau Overview





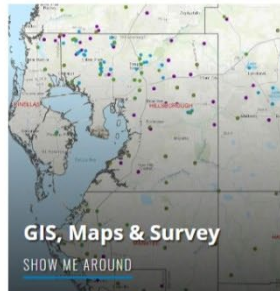
Data & Maps



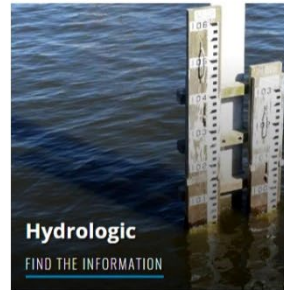
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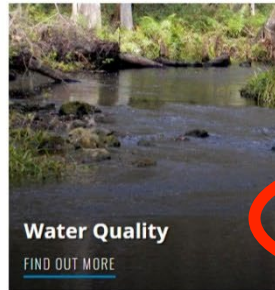
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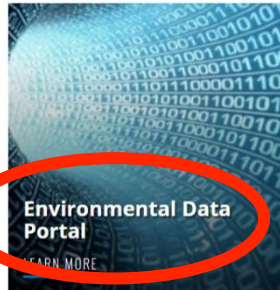
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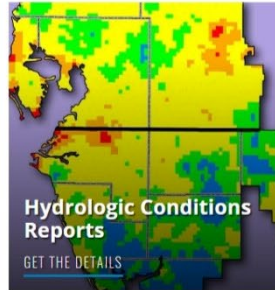
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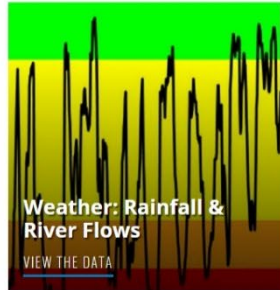
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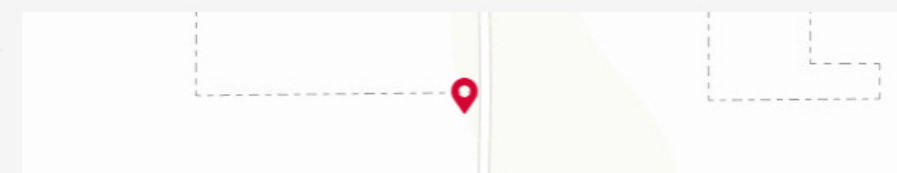
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ROMP 102.5 L Fldn Aq (bl MCU I) Monitor

Station Number: 771460 Latitude: 28.65031 WCP#: 804576
Resource Type: Groundwater Longitude: -82.10864 WUP#: 0
Station Type: Well USGS ID: 283901082063101



Hydrology **Water Quality**

Selection Graph

Search

- Multiple Parameters
- Alkalinity (Total)
- Aluminum (Dissolved)
- Ammonia (N) (Total)
- Boron (Dissolved)
- Calcium (Dissolved)
- Carbon- Total Organic (Total)
- Chloride (Dissolved)**
- Color (Dissolved)
- Depth to Water (from mpe) (Total)
- Dissolved Oxygen (Total)
- Dissolved Oxygen Percent Saturation
- Fluoride (Dissolved)

| Station Parameter Name | Time Series Name | Unit Name | From | To |
|-----------------------------|--------------------------------|-----------|-----------------------|-----------------------|
| <input type="checkbox"/> WL | District Daily Maximum NAVD 88 | foot | 08/08/2011 1:00:00 AM | 05/08/2024 1:00:00 AM |
| <input type="checkbox"/> WL | District Daily Maximum NGVD 29 | foot | 08/08/2011 1:00:00 AM | 05/08/2024 1:00:00 AM |

ROMP 102.5 L Fldn Aq (bl MCU I) Monitor

Station Number: 771460

Latitude: 28.65031

WCP#: 804576

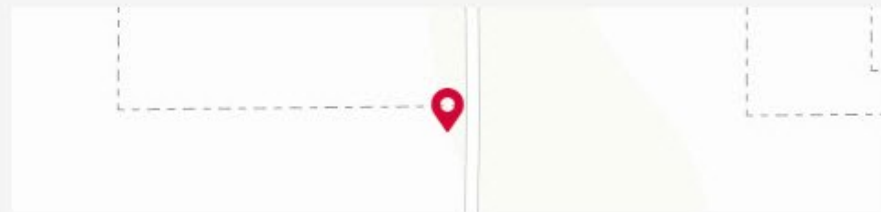
Resource Type: Groundwater

Longitude: -82.10864

WUP#: 0

Station Type: Well

USGS ID: 283901082063101



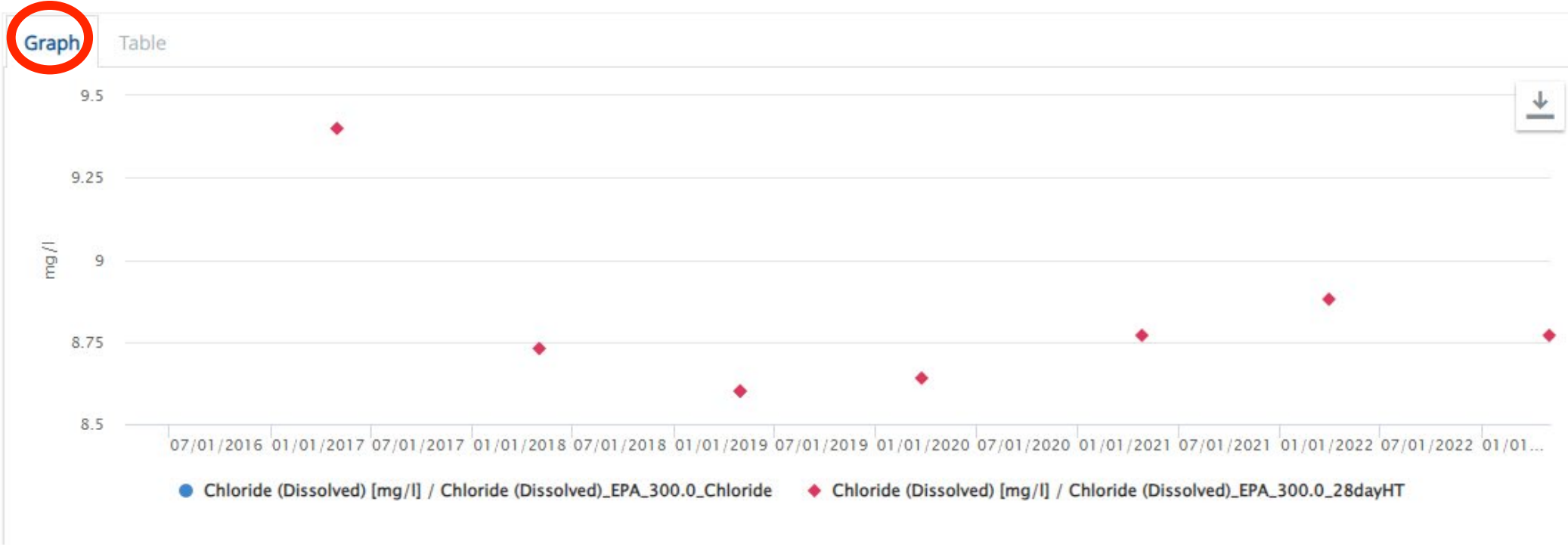
Hydrology

Water Quality

Chloride (Dissolved)

3 d 10 d 1 m 3 m 1 y ∞

04/11/2016 05/04/2023



Multiple Parameters

Alkalinity (Total)

Aluminum (Dissolved)

Ammonia (N) (Total)

Boron (Dissolved)

Calcium (Dissolved)

Carbon- Total Organic (Total)

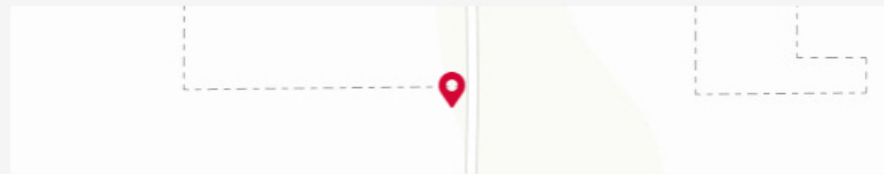
Chloride (Dissolved)

Color (Dissolved)

Depth to Water (from mpe) (Total)

ROMP 102.5 L Fldn Aq (bl MCU I) Monitor

Station Number: 771460 Latitude: 28.65031 WCP#: 804576
Resource Type: Groundwater Longitude: -82.10864 WUP#: 0
Station Type: Well USGS ID: 283901082063101



Hydrology **Water Quality**

Chloride (Dissolved)

- Multiple Parameters
- Alkalinity (Total)
- Aluminum (Dissolved)
- Ammonia (N) (Total)
- Boron (Dissolved)
- Calcium (Dissolved)
- Carbon- Total Organic (Total)
- Chloride (Dissolved)**
- Color (Dissolved)
- Depth to Water (from mpe) (Total)
- Dissolved Oxygen (Total)
- Dissolved Oxygen Percent Saturation
- Fluoride (Dissolved)

3 d 10 d 1 m 3 m 1 y ∞

04/11/2016 05/04/2023 [Clock Icon]

Graph **Table**

| Timestamp | Chloride (Dissolve... | Station Name | Station Number | Project Number | Parameter Type L... | Unit Symbol | Sample ID | Sample Depth | ... |
|----------------------|-----------------------|---------------------|----------------|----------------|----------------------|-------------|-----------|--------------|-----|
| 05/04/2023 9:45 AM | 8.77 | ROMP 102.5 L Fld... | 771460 | P078 | Chloride (Dissolved) | mg/l | 201179313 | 554.0 | |
| 03/30/2022 6:50 AM | 8.88 | ROMP 102.5 L Fld... | 771460 | P078 | Chloride (Dissolved) | mg/l | 201141085 | 554.0 | |
| 04/27/2021 5:40 AM | 8.77 | ROMP 102.5 L Fld... | 771460 | P078 | Chloride (Dissolved) | mg/l | 201104451 | 554.0 | |
| 03/23/2020 9:35 AM | 8.64 | ROMP 102.5 L Fld... | 771460 | P078 | Chloride (Dissolved) | mg/l | 201067665 | 554.0 | |
| 04/29/2019 10:30 ... | 8.6 | ROMP 102.5 L Fld... | 771460 | P078 | Chloride (Dissolved) | mg/l | 201028460 | 554.0 | |
| 04/29/2019 10:30 ... | 8.6 | ROMP 102.5 L Fld... | 771460 | P078 | Chloride (Dissolved) | mg/l | 201028461 | 554.0 | |
| 05/02/2018 8:50 AM | 8.73 | ROMP 102.5 L Fld... | 771460 | P078 | Chloride (Dissolved) | mg/l | 200987428 | 554.0 | |
| 05/01/2017 5:55 AM | 9.4 | ROMP 102.5 L Fld... | 771460 | P087 | Chloride (Dissolved) | mg/l | 200951454 | 554.0 | |

Station Overview

+ Advanced Search

User Instructions

District Data

Contact Us

Station Overview

Map Table

Export Search

Filter
11,018 / 11,018
Stations

Clear filter

Resource Type

All

Station Type

All

Station Status

All

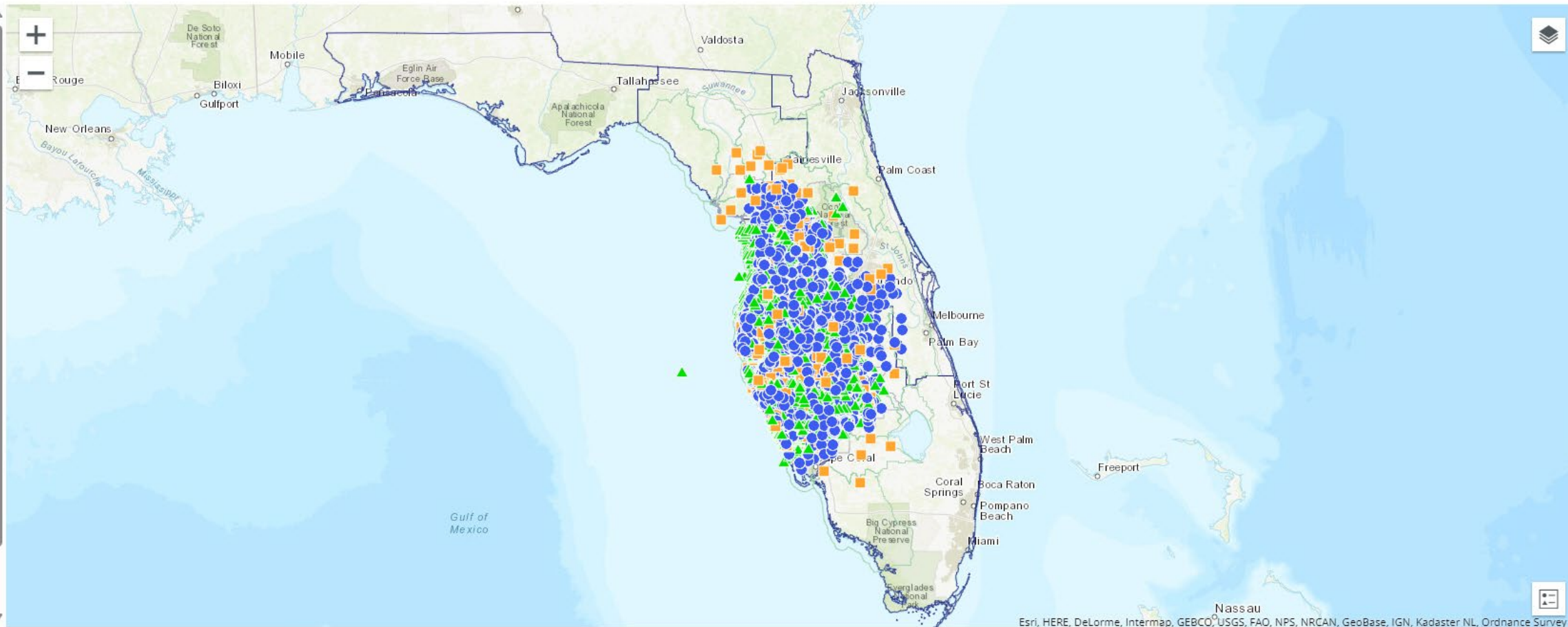
Primary
Hydrostratigraphy

All

Project Number

All

Station Parameter
Name



About

Residents

Business

Programs & Projects

Resources

Recreation

Advanced Metadata Retrieval

All station metadata for one or more stations in one file.

Time-Series Data Retrieval

Preview/download data for multiple station and time-series parameters.

Water-Quality Data Retrieval

Preview/download discrete water-quality samples for multiple stations.

URL Generator

Choose options to generate custom URLs to use in scripts or browsers.

Geohydrologic Data Viewer

Access ROMP reports, discrete water-level and water-quality data links to EDP, hydrostratigraphy and lithostratigraphy, FGS logs, geophysical logs, and aquifer test results.

Please review the [Frequently Asked Questions](#) for more information. Assistance is always available from Data Collection Bureau staff by using the e-mail link in the **Contact Information** box to the right.

no event will be held. Users can be liable for any direct, indirect, incidental, special, consequential, or other damages, including loss of profit, arising out of the use or inability to use these data even if the District has been advised of the possibility of such damages.

New & Improved Map Viewers

The District has launched the new *Groundwater Quality Status and Trends Viewer*. With close to 500 stations belonging to five different groundwater quality projects, the viewer conveys 10 years of data allowing users to see the most current trends in groundwater. The viewer continuously updates with data available in the Environmental Data Portal (EDP). [Visit the Groundwater Quality Status and Trends Viewer »](#)

For users interested in hydrologic data, the *Last-Recorded Water Level and Rainfall* and *Near-Real-Time Water Level and Rainfall* map viewers are available in the [Interactive Map Gallery »](#)

Southwest Florida Water Management District Groundwater Quality Viewer

Groundwater Quality Status and Trends

municipal groundwater withdrawals. The network is also designed to monitor up-coning of sulfate rich waters in coastal areas and limited inland areas.

Water Use Permitting Groundwater Quality Monitoring Network

The Water Use Permitting Groundwater Quality Monitoring Network (WUPNET), located in the Southern Water Use Caution Area (SWUCA), was developed to upgrade the quality of data obtained from permitted irrigation and public supply wells. This network provides a continuous, reliable data collection effort which will assist with water resource management decisions.

Inland Floridan Aquifer System Monitoring Network

The Inland Floridan Aquifer System Monitoring Network (IFASMN) involves the collection and analysis of groundwater samples within the boundaries of the Central Florida Water Initiative (CFWI). These counties include all of Sumter, Hardee and Desoto Counties, as well as parts of Marion, Polk, Lake and Highlands Counties.

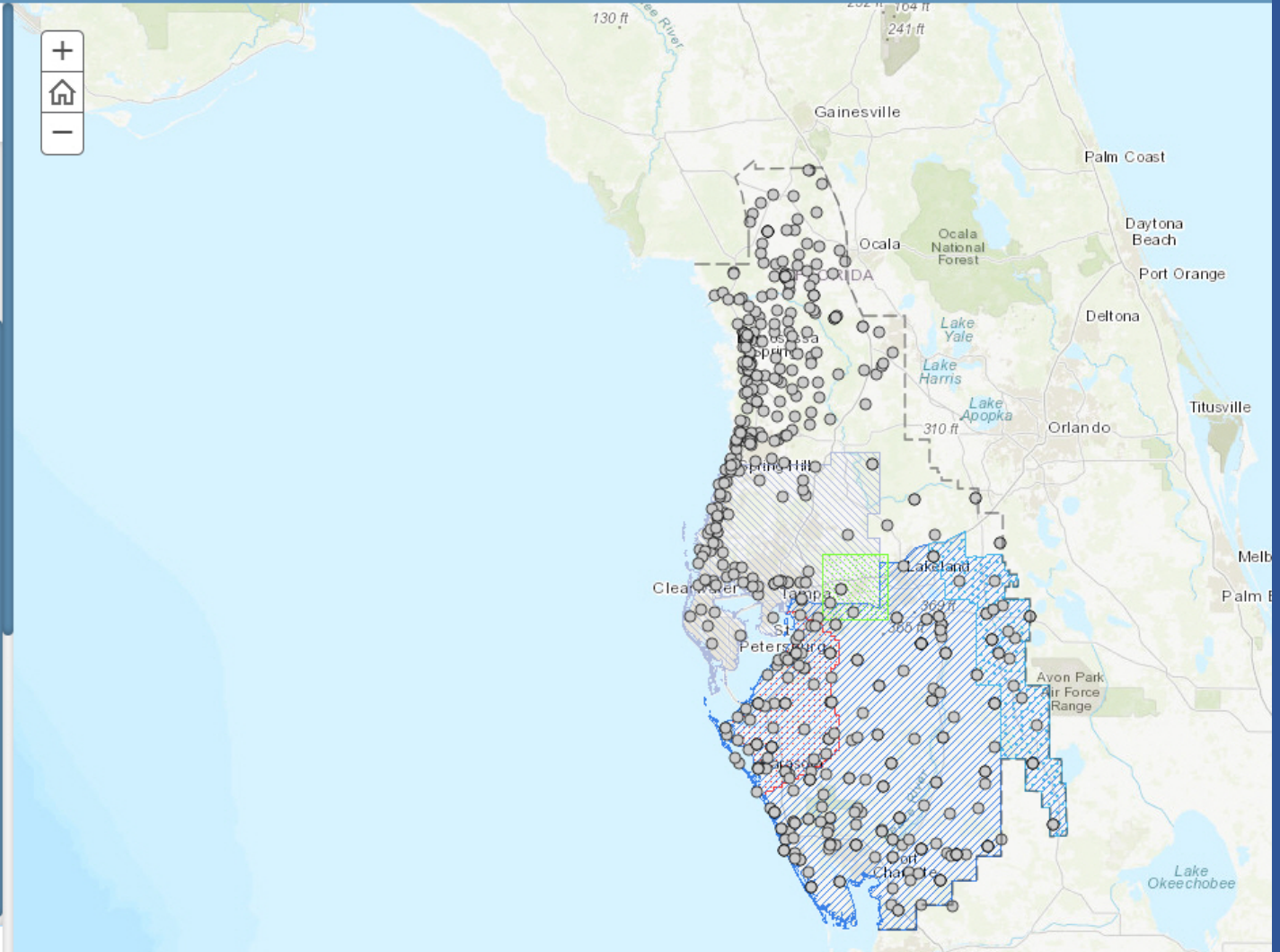
Springs Water Quality Network

Increasing nitrate levels in both inland and coastal-area springs within the District are of great concern because these springs contribute large quantities of water to local spring runs and rivers that drain into the Gulf of Mexico. Increased nitrate levels have the potential to affect aquatic ecosystems by stimulating the growth of nuisance aquatic vegetation. In addition, increasing nitrates in springs are indicative of increasing nitrate levels in the groundwater of inland areas where the spring water originates. The primary goal of the Springs Water Quality Network is to track nitrate concentrations with the long-term goal of establishing a nitrate management plan in the spring recharge basins.

Upper Floridan Aquifer Nutrient Monitoring Network

The Upper Floridan Aquifer Nutrient Monitoring Network (UFANMN) are used to track regional trends of nitrates in the Upper Floridan Aquifer system, within the highly vulnerable areas of the Coastal Springs recharge basins.

If you wish to view detailed data for a station, please click [here](#). Otherwise, if you have any questions please [contact us](#)!



Southwest Florida Water Management District Groundwater Quality Viewer

Dissolved Magnesium

Dissolved Potassium

Dissolved Sodium

Dissolved Sulfate

Total Nitrate and Nitrite

Nitrite and nitrate are inorganic forms of nitrogen that can appear in groundwater as the result of leaching of fertilizers and other nitrogenous compounds through the soil.

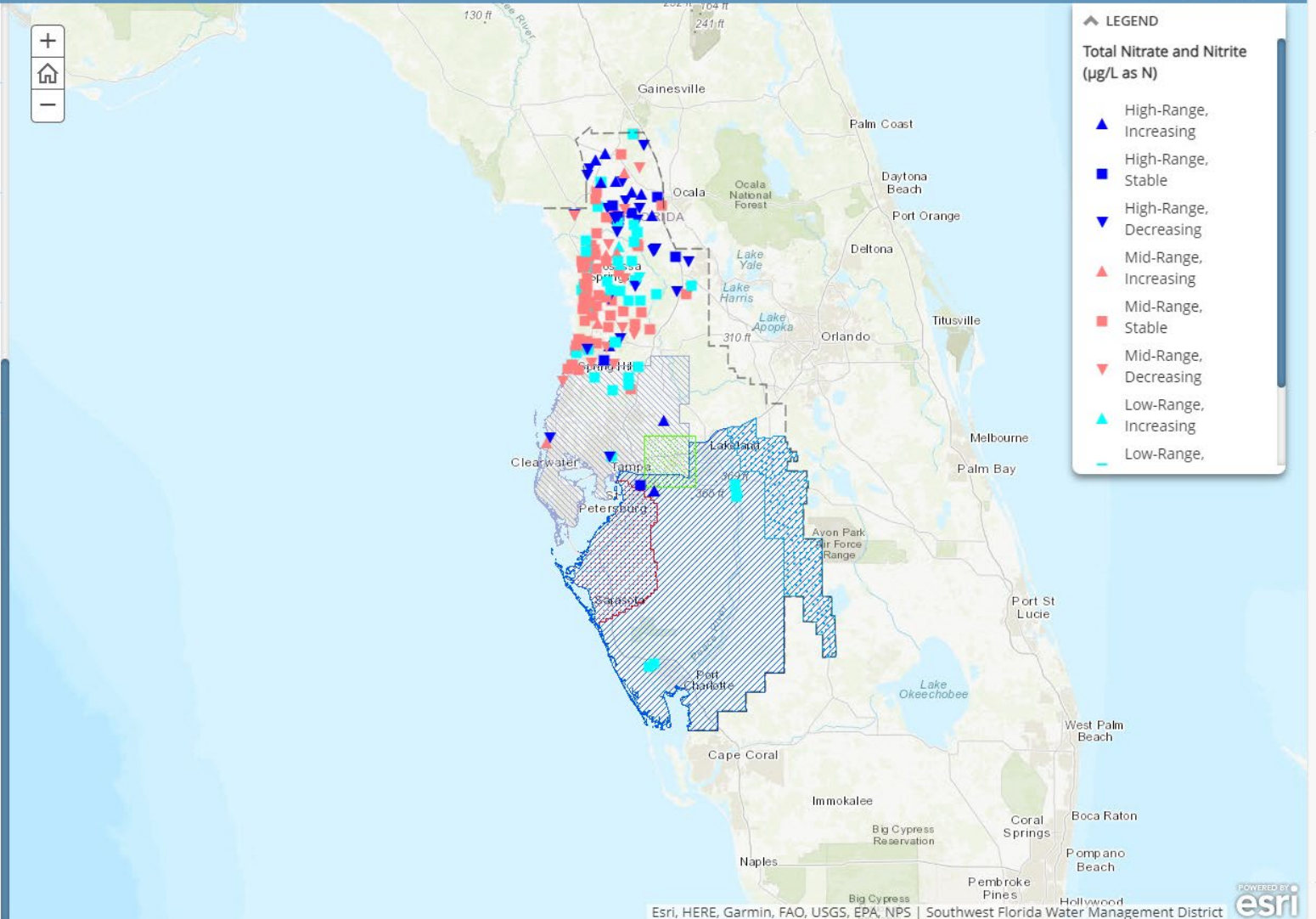
Colors on the map indicate status

- : low (0th - 25th percentile)
- : medium (25th - 75th percentile)
- : high (75th - 100th percentile)

Note that these values are low, medium, or high relative to each other, not to a specific water quality standard.

Symbols on the map indicate trends over the past 10 years

- ▲ : increasing
- ▼ : decreasing
- : stable (no detectable change)
- : not enough data to evaluate a trend

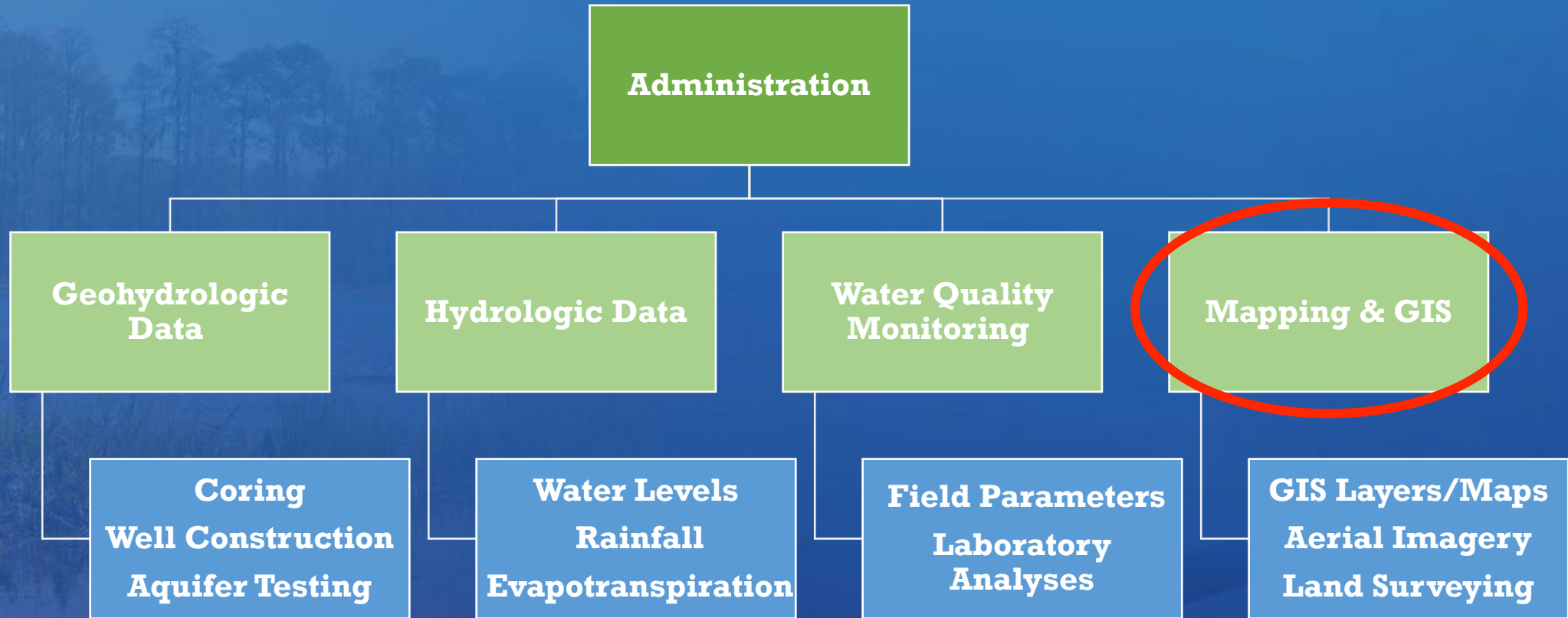


Laboratory Data

- Laboratory Parameters
 - Nutrients (Nitrates, Phosphates)
 - Trace metals (Aluminum, Iron)
 - Major ions (Calcium, Chlorides, Sulfates)
 - Physical Properties (Color, Turbidity)
 - Chlorophyll
- Field Parameters
 - pH
 - Specific conductance
 - Temperature
 - Dissolved oxygen
 - Turbidity



Data Collection Bureau Overview





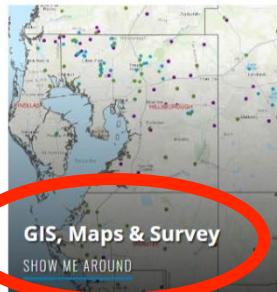
Data & Maps



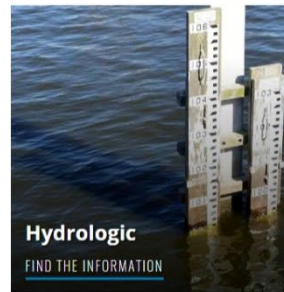
Demographics
[LEARN MORE](#)



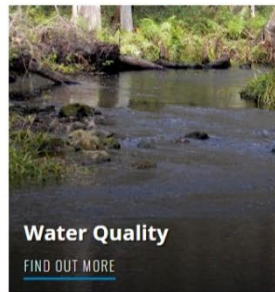
Geohydrologic
[GET THE DATA](#)



GIS, Maps & Survey
[SHOW ME AROUND](#)



Hydrologic
[FIND THE INFORMATION](#)



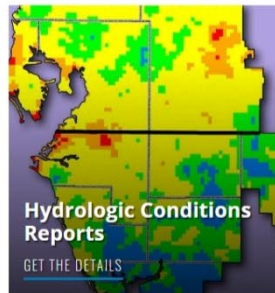
Water Quality
[FIND OUT MORE](#)



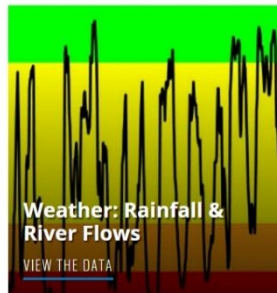
Environmental Data Portal
[LEARN MORE](#)



Daily Hydrologic Data
[SEE WHAT'S BEEN HAPPENING](#)



Hydrologic Conditions Reports
[GET THE DETAILS](#)



Weather: Rainfall & River Flows
[VIEW THE DATA](#)

GIS, Maps & Survey

Interactive Map Gallery

The District's new map gallery contains dynamic, interactive maps created by District staff. This gallery contains general purpose and District-specific maps. [VIEW MAP GALLERY »](#)

Aerial Photography

The District provides an extensive collection of digital aerial photos (DOQQ: Digital Orthophoto Quarter Quadrangle) available through the Florida Images Inventory. [VIEW IMAGERY »](#)

District Maps and District Service Office Locations

Our service office addresses and District maps pertaining to watersheds, planning regions and water restrictions, plus links to Google location maps. [VIEW MAPS »](#)

GIS Data

The GIS Open Data portal allows consumers to interact with data through charts, tables, and maps. The information can be of value to many governmental agencies, private businesses and the public. Use of these data require a general understanding of GIS. The data can be downloaded into spreadsheet format, KML, or shapefile. The Open Data site works best with either Firefox or Chrome and is available from 6 a.m. to 10 p.m. [GO TO OPEN DATA PORTAL »](#)

Survey Benchmarks

Data & Maps Sections

- [Demographics »](#)
- [Geohydrologic »](#)
- [GIS, Maps & Survey](#)
- [Hydrologic »](#)
- [Water Quality »](#)





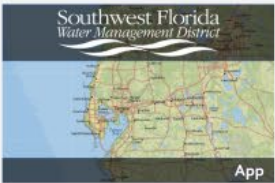
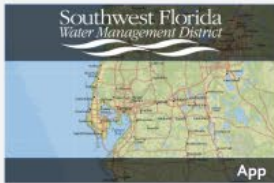

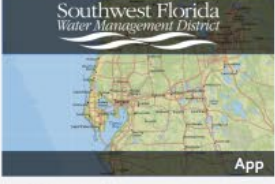
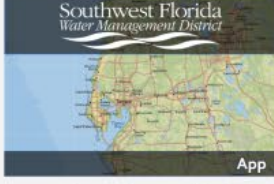
Contact Us

If you have questions about District data or maps, email Data.Maps@WaterMatters.org.

Disclaimer: The user assumes the entire risk related to its use of these data. The Southwest Florida Water Management District provides these data on an "as is" basis and specifically disclaims any warranty, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular use. The entire risk as to quality and performance is with the user. In no event will the District or its staff be liable for any direct, indirect, incidental, special, consequential, or other

Interactive Map Gallery

Hover over one of the interactive maps below for a detailed description, instructions and access to the application.

| | | |
|--|--|--|
|  <p>Map Viewer</p> <p>Geohydrologic Data Map Vie...</p> |  <p>App</p> <p>Permits - ERP Mapping Applic...</p> |  <p>App</p> <p>Permits - WUP Mapping Appli...</p> |
|  <p>App</p> <p>Permits - WCP Mapping Appli...</p> |  <p>App</p> <p>Water Quality Collection Sites</p> |  <p>App</p> <p>Last-Recorded Value for Hydr...</p> |
|  <p>App</p> <p>Near-Real-Time Hydrologic D...</p> |  <p>App</p> <p>Which District Am I In?</p> |  <p>App</p> <p>General Mapping Application</p> |

Data & Maps

- Demographics »
- Geohydrologic »
- GIS, Maps & Survey »
- Hydrologic »
- Water Quality »

Contact Us

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Disclaimer: The user assumes the entire risk related to its use of these data. The Southwest Florida Water Management District provides these data on an "as is" basis and specifically disclaims any warranty, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular use. The entire risk as to quality and performance is with the user. In no event will the District or its staff be liable for any direct, indirect, incidental, special,

Summary of Available Data Types

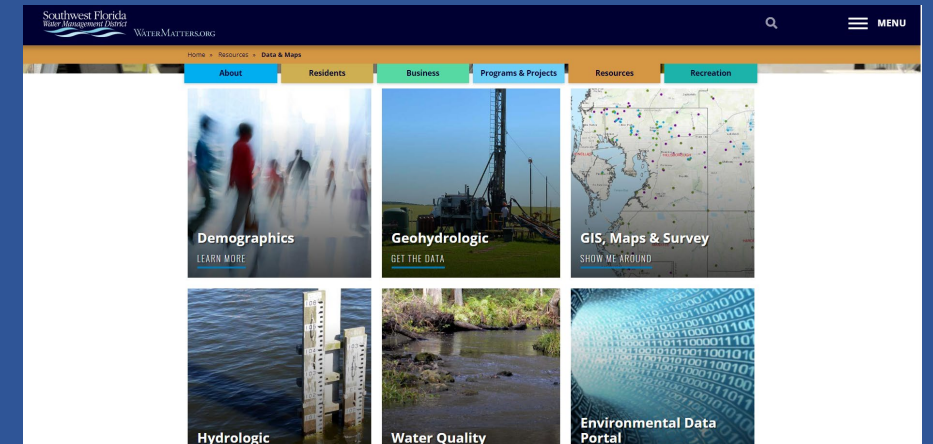
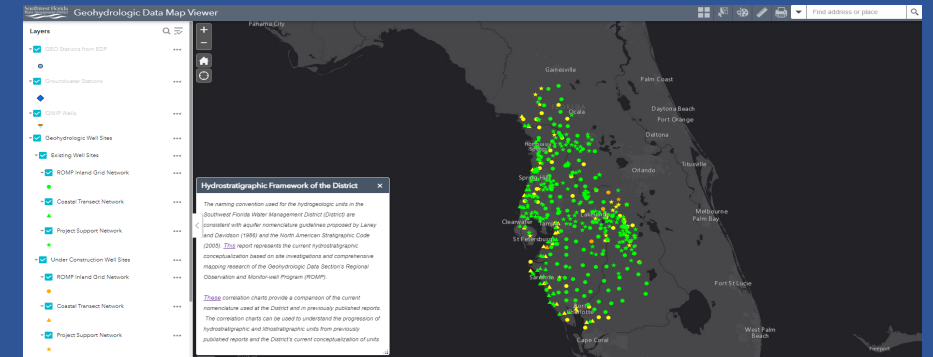
- Geohydrologic Data Map Viewer
 - Hydrogeologic

Watermatters.org/data & maps

- Environmental Data Portal
 - Hydrologic
 - Water quality



- Maps & Survey Elevations
 - Data & Maps webpage



Inquiries

- Email: Data.Maps@WaterMatters.org

Questions

