

### What types of data are available?

The [Resource Data Search](#) component of WMIS contains different types of scientific data, including hydrologic (groundwater and surface-water levels), atmospheric (rainfall and evapotranspiration), and water-quality (e.g., nutrients, pesticides, organics, metals) measurements. The data available from WMIS represent District-collected values only; data collected by other agencies should be retrieved from their respective sources (see last page).

[Start here](#), review the disclaimer, and then click the blue link in the [Launch](#) area at the bottom of the page.

### How do I find a data collection site in a specific area?

There are several ways to retrieve information about sites and data in a specific area. The most direct method is by using the mapping capabilities of WMIS. To access these tools from the WMIS start page ([General](#) tab), click on the [Location](#) tab and click the [Map Selection](#) button. In the new map window, use the map tools to zoom to your area of interest. Placing your mouse over a tool will display the tool's function.



Map window tool bar

Select the sites for which you would like data by using the third tool from the right, as shown on the graphic. Once your sites are highlighted on the map, click the [<< Send to Search](#) link at the upper right of the map frame. You will be returned to the starting screen where you should now scroll down (if necessary) and click the [Search](#) button to return a list of the sites you selected from the map.

In addition to (or in lieu of) using the map interface, you may enter any combination of site criteria on one or more tabs.

For example, by clicking the [Ground Water/Geologic](#) tab, you can select [Well](#) from the [Feature](#) box to limit your search only to wells. Also, checking the [Enable Well Characteristics](#) box activates a list of specific well construction characteristics that allows you to significantly narrow your search results. Please note that not all site characteristics are completed populated, so you may inadvertently exclude some sites if your search terms are very specific.

Similarly, clicking on the [Parameter](#) tab allows the user to identify a certain date range and/or search only sites that collect specified data parameters. Parameters are grouped by category and subcategory. For example, by expanding the [Geohydrologic](#) parameter category, then the [Geophysical](#) subcategory, the user can select one or multiple geophysical log parameters to limit the search results.

It is important to narrow your selection at least somewhat. If you make no choices on any tab and then click [Search](#), you will get *every site for which the District has ever collected any type of data*, which may make any subsequent page displays or data downloads very cumbersome.

Click the [Reset](#) button at the bottom of the screen to clear your site selections.

## Can I still retrieve site information and data using the old (legacy) UIDSITE number?

Yes, you can still use the legacy site number, although sites created after 2007 will not have these identifiers. All sites, new and old, have a new identifier assigned to them (called the SITE\_ID), which is unique to one and only one data collection site. If you have the legacy site number, choose the applicable [Legacy Site Type](#) in that field on the [General](#) tab and then enter the [Legacy Site](#) number in the field below it. Click [Search](#) to find your site.

Legacy site search box

Once you are familiar with the new site IDs, you may create a comma-separated text file (.txt) of this information and search on multiple site numbers in one operation. This is especially useful if you want to retrieve information about the same sites on an ongoing basis. To do this, create and save the text file on your computer.

Then, on the [General](#) tab, in the upper left of the screen, click the [Upload Site List](#) button, navigate to the text file on your computer and upload the file. You will then see the list of site numbers you specified displayed in the [District Site ID](#) box. You may also type site IDs directly into this box, separated by commas. Again, click [Search](#) to complete the operation.

## How do I determine what data have been collected for a specific site?

Once a list of sites appears on the [Results](#) tab, according to your selection criteria, you should click on the plus sign next to the site name to see what types of data have been collected for that site, including the measuring units and beginning and ending dates of data collection. Parameters are shown in alphabetical order.

<input type="checkbox"/>	<a href="#">View Details</a>	20084	ROMP TR 21-3 6-IN SURF	Well		
<input type="checkbox"/>	<a href="#">View Details</a>	20085	ROMP TR 21-3 AVPK	Well		
			<b>Data Type</b>	<b>Units</b>	<b>POR Begin</b>	<b>POR End</b>
<input type="checkbox"/>	<a href="#">View Data</a>	<a href="#">Download Data</a>	Alkalinity (Total)	mg/L	01/21/1997	12/01/2006
<input type="checkbox"/>	<a href="#">View Data</a>	<a href="#">Download Data</a>	Bromide (Dissolved)	mg/L	01/21/1997	02/03/1999
<input type="checkbox"/>	<a href="#">View Data</a>	<a href="#">Download Data</a>	Calcium (Dissolved)	mg/L	01/21/1997	12/21/2005

Viewing available data for a site

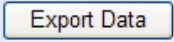
## How do I view data?

To view actual data values for a particular parameter, click on the [View Data](#) link in the expanded list. A new screen will appear, presenting you with a basic chart of the data for the selected site and parameter. You will see the *last year* of available data on the chart, as indicated in the beginning and ending date range boxes on this page. You may adjust the date range at any time. However, if you select too much data, it may not display properly on the chart. If you have trouble viewing the parameter you select, try adjusting the display option between bar and line, then [Refresh](#) the view.

To preview the data, click on the [Preview Daily Aggregate Data](#) tab. Choose a year of data to preview. Data Status will be shown as either Approved (checked and verified by staff) or Provisional (not yet reviewed and subject to change). Click [Back to Search Results](#) to return to the Results tab. Click [Reset](#) to clear your selection.

## How do I download data?

There are two ways to download data:

Refresh the chart and click the  button. Then, save the file to your computer or open it. Depending on which program you have set up to open comma-separated value (.csv) files, the file (depending on number of records downloaded) may not load completely, as some software programs have a limitation in terms of how many records a file may have. In this case, you should use the [Save](#) option and then open the file later in another program that will import a larger number of records.

<a href="#">+ View Details</a>	<input type="checkbox"/>	767313	14_0041 CITY OF CLEARWATER
<a href="#">+ View Details</a>	<input checked="" type="checkbox"/>	767314	14_0052 HILLS CO AIRPORT AUTH
<a href="#">+ View Details</a>	<input checked="" type="checkbox"/>	767317	14_0055 HILLS COMM COLLEGE
<a href="#">+ View Details</a>	<input checked="" type="checkbox"/>	767323	14_0081 URBAN RETAIL PROPERTIES

If you want to download data for several sites and/or parameters at once, return to the [Results](#) page and click the check-box next to the sites for which you want data.

Next, click the [Add Parameters](#) button in the upper-right area of the page, select the parameters you want (select more than one using ctrl-click), set the date range, and enter your full e-mail address in the space shown.

Once you click [Download Data](#), your retrieval will execute, and you will receive an e-mail once it is completed. Open the e-mail and click the link(s). You will be prompted to open or save your data file(s).

To begin a new search, click the [Reset](#) button, choose new search criteria and click the [Search](#) button.

## Where can I find data from other agencies?

Other public agencies may have more information on these or additional data-collection sites throughout the District and the State of Florida. Depending on the type of data you are seeking, the following sources might be helpful:

- United States Geological Survey (USGS) National Water Information System: <http://waterdata.usgs.gov/fl/nwis/nwis>
- Florida Department of Environmental Protection (FDEP): <http://www.dep.state.fl.us/water/>
- The Water Atlas Program: <http://www.wateratlas.usf.edu/>
- National Weather Service (NWS): <http://www.weather.gov/climate/>
- Florida Automated Weather Network (FAWN): <http://fawn.ifas.ufl.edu/>
- NOAA Advanced Hydrologic Prediction Service (AHPS): <http://water.weather.gov/ahps/>

## How can I get more help on this?

Almost every screen in WMIS has some explanatory text that should help you in navigating the system. In addition, "live" help is available during normal business hours (8 a.m.–5:30 p.m.) by contacting the Help Desk at (352) 796-7211 (or toll-free in Florida at 1-800-423-1476), ext. 4008. You may also email us with questions using the link at the bottom of the WMIS Resource Data Search page. Data-specific questions maybe be addressed to the following staff:

- Hydrologic Data Section (water levels, rainfall, ET, site information): Ext. 4310.
- Geohydrologic Data Section (aquifer test, stratigraphy, geophysical): Ext. 4567.
- Water Quality Monitoring Program (water quality): (813) 985-7481 or 1-800-836-0797 (FL only), ext. 2117.