FAQs – Hydrologic Data Search Tool

1. What data are provided by this web site?

The Hydrologic Data web site provides graphs and data for the following types of data:

- Rain at District rain gauges
- Water Level for lakes, springs, other types of surface water, and groundwater, including surficial aquifer, intermediate aquifer, Upper Floridan aquifer, and Lower Floridan aquifer
- Discharge

Data can either be viewed as graphs or downloaded as a tab-separated text file:

- View 30-day graphs: You can view graphs covering the previous 30 days. This option is available only for active monitoring stations, and the graphs are generated using provisional data that has not been quality assured.
- View data for all stations: You can download period-of-record daily values in a tab-separated text file. This option is available for all stations, active or inactive. These downloads include all quality-assured data as well as more recent data that has not been quality assured and is therefore considered provisional.

2. How do I see where the District is collecting data?

To view monitoring locations, turn on one of the data options using the "View 30-day graphs…" or "View data for all stations" selection boxes in the upper right region of the map

3. How do I see what information is available for my neighborhood or city?

Navigate to a location using one of the following options:

- Enter an address or place name in the "Find address or place" box in the upper left of the window
- Zoom in or out in the map window using your mouse scroll button, or the + and – tools
- Navigate to County or Basin to zoom to a larger area

Then view monitoring locations by turning on one of the data options using the "View …" selection boxes in the upper right region of the map. Click on a monitoring station in the map to view either a 30-day graph or the data associated with that station and data type.

4. How can I quickly find a station when I already know the name or Station ID?

First select the type of data you want to access, then enter any part of the station name or ID in the "Find station by name or ID" box in the upper left. This box is only activated when you first select the data type.

5. What is a station ID?

A station ID is a unique, eight-character number that identifies a station in our database.

6. What can I do if I have problems finding or downloading data, or have unique data needs?

The Bureau of Water Resource Information can assist you with any data-related questions. We can be reached at (386) 329-4362, or hydrodata@sjrwmd.com.

7. Why can't I find U.S. Geological Survey wells or stations?

The data on our web site are collected by SJRWMD. For USGS data, visit http://waterdata.usgs.gov/fl/nwis.

8. How often are new data loaded to the web page?

Most sites are updated daily. Data at some remote sites are collected manually; these are updated after data collection and quality assurance occurs.

9. Why can I only download daily values?

We can provide only daily values in our current configuration. If you are interested in higher frequency data please contact us at (386) 329-4362 or hydrodata@sjrwmd.com.

10.   Does the data undergo quality assurance?

All data are subjected to a rigorous quality assurance process. Each data value is assigned a quality code, and the code is included with the downloaded data records.

11. What are quality codes?

When you download data, each data value has an associated quality code. During the quality assurance process, each data point is assigned a quality code to explain the quality of the data. The following is a list of quality codes:

1	Good quality records		95	Invalid reading
2	Good quality, edited data		96	Field instrument out of DQO at time of 2nd calibration
3	Good quality data obtained from USGS		97	Alarm high -- ozone > 120
5	Good quality data obtained from SWFWMD		98	Government shutdown period
7	Good quality data from NOAA		99	Level 1 validated data
9	Good quality data from SRWMD		100	Level 2 validated data
50	Outside measurement range specifications		104	Estimated gauge height calculated from estimated discharge
70	Approved daily values		110	Estimate of missing data
71	Discharge computed from extended rating curve		111	Estimate based on correlation with neighboring station
72	Correlation w/other station - high confidence		112	Estimated Discharge
73	Correlation w/ other station - outside regression range		113	Records partly estimated
74	Correlation w/ other station - see documentation regarding confidence		130	Unverifiable—quality unknown
75	Correlation w/ other station - confidence undetermined		138	Minor data quality issue to be resolved in future update
76	Estimated data - linear interpolation		140	Provisional data—quality unknown
80	Accumulated		141	Provisional data obtained from USGS
81	Estimated with HYBASE high confidence		142	Provisional data obtained from SWFWMD
82	Estimated with HYBASE low confidence		143	Provisional data from NOAA
83	Estimated by HDS high confidence		144	Provisional data from SRWMD
84	Estimated by HDS low confidence		145	Data from an outside agency quality unknown
85	Estimated by contractor high confidence see documentation		147	Interpolated missing data (model only)
86	Estimated by contractor low confidence see documentation		149	Water level elevation below approximated land surface
87	See documentation for estimate method		150	Data missing
88	Estimate method unknown		151	Data missing
89	Estimated G3B method		153	Serious data quality issue to be resolved at a later date
90	Missing < 25% of hourly sampling period		154	Data Quality Issue Precludes Use of Measurement
91	Field reading less than zero		155	Accepted rate of change exceeded
92	Field instrument channel down for > 75% of hourly sampling period		160	Bad Data from Permittee
93	Field instrument channel down for 25% to 75% of hourly sampling period		171	USDAY report code - do not delete
94	Field instrument power failure		255	Data not recorded

The Source field in the downloadable tables also indicates whether or not data are provisional. Records identified with "A" are quality assured. Records identified as "B" through "Z" are provisional.