Statewide data are available upon request. There is no charge for this service.

For further information, please visit our website or call us at (850) 245-8433.

http://www.dep.state.fl.us/water/monitoring/

We are grateful to the citizens, and public and private entities that provide us access to sample for regional and statewide water quality.

Florida Department of Environmental Protection
Watershed Monitoring Section
2600 Blair Stone Road
Mail Station 3525
Tallahassee, FL 32399-2400

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Background
The Florida Department of Environmental Protection (FDEP) is committed to protecting and conserving our state’s water resources. Central to this goal is the collection of scientifically defensible data from Florida’s surface and ground waters. Measurements of various chemical, physical, and biological water quality indicators are used to advise the Department and other agencies on the status of Florida’s water quality.

Trend Monitoring Network
The WMS maintains a Trend Monitoring Network, which is subdivided into surface water and ground water categories. Surface water resources include rivers, streams, canals, and spring runs. Ground water resources include confined and unconfined aquifers.

Surface Water Trend Network
The Surface Water Trend Network (ST) was established in 1998 and consists of 78 fixed locations. Most of the sites are located near the downstream end of a watershed and, when possible, are placed at or near a flow gauging station. These sites enable FDEP to collect water quality and discharge data at a point that integrates the watershed’s land use activities. In addition, some ST sites are located at or near the state boundary with Georgia and Alabama. These stations are used to measure the water quality of major streams entering Florida.

Data collected from ST sites assist in evaluating changes in Florida’s rivers, streams, spring runs, and canals. Each ST site is sampled monthly by FDEP and water management district staff, and water samples are analyzed at FDEP’s Central Laboratory in Tallahassee.
Ground Water Trend Network

The Ground Water Trend Network (GT) was established in 1986 and consists of 49 fixed locations. The sites are monitored to obtain chemical, microbiological, and field measurements from confined and unconfined aquifers. These data are used to measure temporal variability in ground water resources, which are a source of drinking water. As with the ST Network, GT sites are sampled by personnel at FDEP, a centrally located county, and water management districts. All ground water samples are analyzed at the FDEP Central Laboratory.

All GT sites are sampled quarterly. Additionally, GT unconfined aquifer wells are visited monthly, to collect field data (including pH, dissolved oxygen, temperature, and specific conductance). The water quality indicators measured by the Trend Network are listed in the table to the right.

Results and Reporting

Information and results from specific Trend sites are available at:

www.dep.state.fl.us/water/monitoring/trend.htm

Florida’s monitoring entities, citizens, and businesses are FDEP’s partners in providing scientific data necessary to assess and manage our water resources. Our partners make the long-term water quality evaluations possible by providing us access to rivers, streams, canals and wells. Together we can ensure cleaner water for generations to come.

ST – Surface Water Trend Network
GT – Ground Water Trend Network
✓ Measurement collected
1 Collected twice per year at applicable sites.
2 Collected quarterly per site.
3 Collected once per year per site.
4 Collected monthly at unconfined aquifer wells.