

Orange County Water Atlas



Macroinvertebrate Sampling

What is the Water Atlas Program?

The Water Atlas Program designed by USF helps to meet the needs of local governments by using technology to connect multiple stakeholders in water resource management.

The gateway to the Water Atlas: www.orange.wateratlas.org



A gateway to information that helps citizens and scientists make informed decisions concerning Orange County's natural resources.

ENVIRONMENTAL PROTECTION DIVISION
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Lake Lawne



Dragonfly Larvae



Lizard's Tail



Lake Sample Collection

Information Available

- Aerial Photographs
- Boat Ramps and Parks
- Bottom Contour Maps
- Dynamic Maps
- Ecological Reports
- Fishing Reports
- Historic and Current Photographs
- Online Curriculum with Environmental and Climate Change Lesson Plans
- Near Real-Time Data
- Oral History Narratives
- Total Maximum Daily Loads (TMDL)
- Water Levels, Flows and Rainfall
- Water Quality Data
- Watershed Excursion Online Tool

Benefits for Citizens

- Easy access to lake and stream conditions
- Report pollution and other environmental issues
- Submit news and events
- Volunteer opportunities

Benefits for Professionals

- Create and print maps with GIS data
- Download and graph water quality, hydrology and rainfall data
- Reduces time spent finding quality assured data
- Efficient and cost-effective data management

Benefits for Educators

- Online curriculum – inquiry-based lesson plans
- FCAT exercises
- Field explorations
- Climate change and stormwater education
- Watershed Excursion – an interactive tour of the County's watershed
- A digital library
- Free workshops for teachers

