

# Ambient Monitoring

Department of Environmental Protection



Division of Air Resource Management



Access to Ozone Data is Easier!

Our new "Ozone Ad Hoc Reporting" website allows you to choose more than one monitoring site and see all the data compiled on one page.

<http://www.dep.state.fl.us/air/ozone/SelectReport.asp>

The screenshot shows the Florida Department of Environmental Protection website. At the top left is the 'myFlorida.com' logo. To its right is the text 'Florida Department of Environmental Protection' with the slogan 'More Protection. Less Process.' and a map of Florida. Below this is a navigation bar with links: 'DEP Home | Contact DEP | Search | DEP Site Map'. On the left is a 'Categories' menu with links: 'Air Resource Home', 'Contacts', 'Guidance', 'Forms', 'News', 'Ozone Network', 'Permit Information & Tools', 'Pollutants', 'Programs', 'Publications', 'Rules & Statutes', and 'Software'. The main content area features a banner for 'OZONE Ad Hoc Reporting' with the subtext 'Viewing Ozone Data by Tool - List of Sites at a Time'. Below the banner is a 'Return to OzoneNet' link and a disclaimer: 'It is important to note that the ozone monitoring data generally less than three months old viewed on this website has not been verified and checked for quality assurance in accordance with federal requirements.'

## Ozone Multiple Site (Ad Hoc) Data Reporting

It is important to note that the ozone monitoring data *less than three months old* viewed on this website have generally not been verified and checked for quality assurance in accordance with federal requirements.

[View Report](#)

Select a report from the list:

- Daily Readings       Monthly Readings  
 Current Attainment Status       Highest Readings  
 Past Attainment Status

Enter a date to view:

08/08/2003

County:

Site Name:

(Select all | Deselect all)  
Red sites are CLOSED

- |   |                                |                   |
|---|--------------------------------|-------------------|
| <input type="checkbox"/> Alachua            | Paynes Prairie                 |                   |
| <input type="checkbox"/> Alachua            | Jonesville Park                |                   |
| <input type="checkbox"/> Baker              | Osceola Ranger Office          |                   |
| <input type="checkbox"/> Bay                | St. Andrews State Park         |                   |
| <input type="checkbox"/> Brevard            | Melbourne                      |                   |
| <input type="checkbox"/> Brevard            | Cocoa                          |                   |
| <input checked="" type="checkbox"/> Brevard | Lockmar Elementary School      | Closed: 2/28/2000 |
| <input type="checkbox"/> Broward            | Sawgrass Springs Middle School |                   |

Above are the actual procedures for viewing an ozone ad hoc report.



## Florida's Historical Ozone Readings

This website contains a summary report of the highest **ozone readings throughout the state**. The report is updated monthly and contains a history of all ozone monitoring sites in Florida since 1993.

<http://www.dep.state.fl.us/air/ozone/8hour.pdf>



*Pictured above are the ozone monitor and calibrator inside the trailer at Tallahassee Community College in Tallahassee, Florida.*



## New Educational Signs

Most of the ambient air monitoring done throughout Florida takes place out of view of the public.

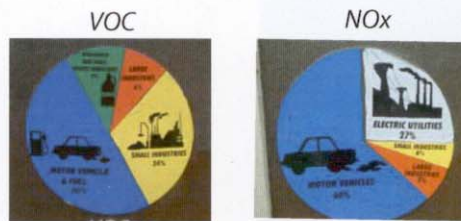
In 2002, the Division of Air Resource Management placed **educational signs** in two of its parks - Miccosukee Greenways and Trails in Tallahassee and Rotary Park in Cape Coral - to better inform the public using these parks about the ozone monitoring taking place on the premises.





These signs, (pictured to the left) are posted at the Miccosukee Greenways and Trails Ozone Monitoring Site in Tallahassee, Florida.

This sign explains how ozone is created and its impact on health.



These charts show the percentage of Volatile Organic Compounds (VOC) and Nitrogen Oxides (NOx) emissions produced by various sectors throughout the state.

## Protecting Ozone Monitoring

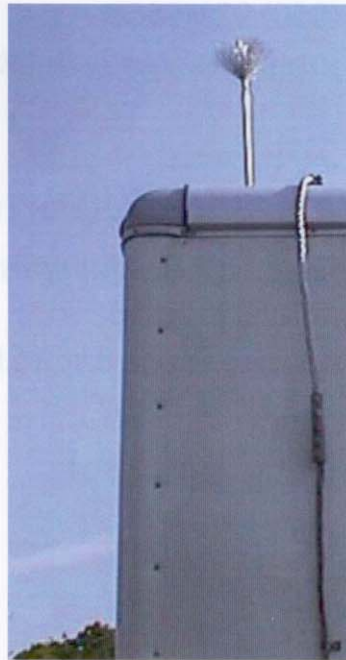
Florida is not only the Sunshine State, but the lightning capital of the world.

In an effort to avoid losing data and monitoring equipment to lightning strikes, the Division of Air Resource Management has begun to install **lightning suppression systems** at the ambient air monitoring sites around the state, starting with the coastal sites.

A **static dissipator** causes the static charge to dissipate, thereby reducing the ability for a ground charge to build-up and attract a lightning strike.



(left) suppressors on top of the anemometer tower



(right) static dissipator

*Pictured above are the suppressors on top of the anemometer tower and the static dissipator, which are located at the ozone monitoring site in St. Marks, Florida.*



Contacts

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