

Air Quality Monitoring and Reporting System



Portable Ozone Photometer/Calibrator



Comprehensive Environmental Tools for Decision Makers, All in One Integrated System

Air Quality in Indiana

How clean is the air in your metropolitan area or county? Use this map to find out.

The U. S. Environmental Protection Agency (EPA) has provided a scale called the Air Quality Index (AQI) for rating air quality. The AQI scale is based on the [National Ambient Air Quality Standards \(NAAQS\)](#) and is described in the Code of Federal Regulations, Part 58, Appendix G. This map is based on the EPA AQI scale.

- Which Pollutants Can I Monitor Using the AQI?
- Interpreting the AQI

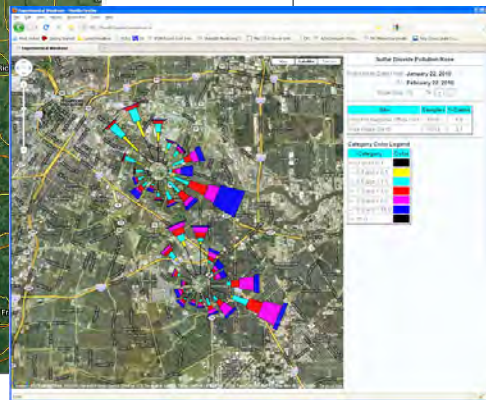
The latest AQI imagery available is for **February 5, 2016 as of 4:08 pm EST** (Eastern Standard Time). Click on any of the boxes on the image for a detailed map of all the sites monitoring AQI pollutants in that area. You can also view a tabular presentation of the [Air Quality Index \(AQI\) Report](#) for the entire state.

Instrumentation, Software & Systems that Provide Environmental Solutions for the Planet

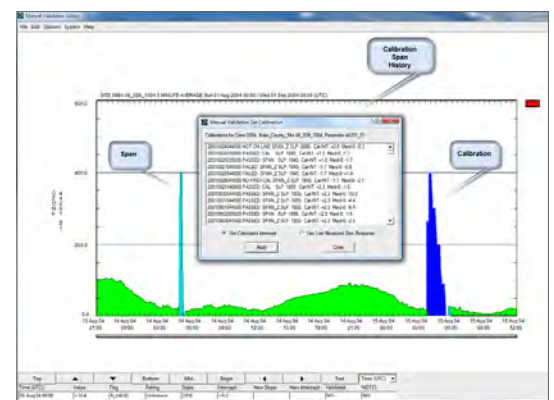
LEADS® Environmental Monitoring System (EMS), the ideal commercial solution for collecting, integrating, and processing meteorological, air and water quality data, is built on Numerical Weather Prediction Models. Our solutions deliver accurate data in real-time, providing agencies with the most proficient environmental monitoring systems available.

What does LEADS® EMS bring to the table?

- ▶ Automatic Data Flagging
- ▶ Graphical Validation
- ▶ Automatic Alerting
- ▶ Web based Reports
- ▶ Air Quality Pages
- ▶ Water Quality Pages
- ▶ Specialized Reports
- ▶ Hourly Air Quality Index



Sulfur Dioxide Pollution Rose Web Page



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Customized Web-Based Data Products



In Texas, Indiana, Virginia, Nevada and across the USA over 500 continuous-monitoring air and water quality sites are powered by Sutron's Air Quality Division systems producing data that is continuously available on-line to view or plot within seconds. The Texas Commission on Environmental Quality, which operates one of the largest monitoring networks in the world, has collected air and water quality data for over 15 years using Sutron's* systems. Among the data display and reporting products provided are the following:

- ▶ Air Quality Monitoring Station Dynamic Monitoring Site Metadata
- ▶ Animated Pollution Displays & Pollution Rose Maps showing Maximum Concentration, Percentiles
- ▶ Web Based Graphical Plots
- ▶ Calibration/Span by Parameters & Web-Based Calibration/Span Reports
- ▶ Graphical Editing & Validation Tools
- ▶ Data Validation Cal/Span History
- ▶ Web-Based Operator Logs with Sorts & History
- ▶ Web-Based Data Query Tools
- ▶ Web-Based Plots
- ▶ Ozone Monitoring Forecasts
- ▶ Public Web Pages with Graphical AIQ Report
- ▶ EPA Air Quality Index Report
- ▶ Data Reports by Site, Daily, Monthly, Annually

Air Quality Monitoring Instrumentation

Sutron's Air Quality Division also manufactures measuring equipment.

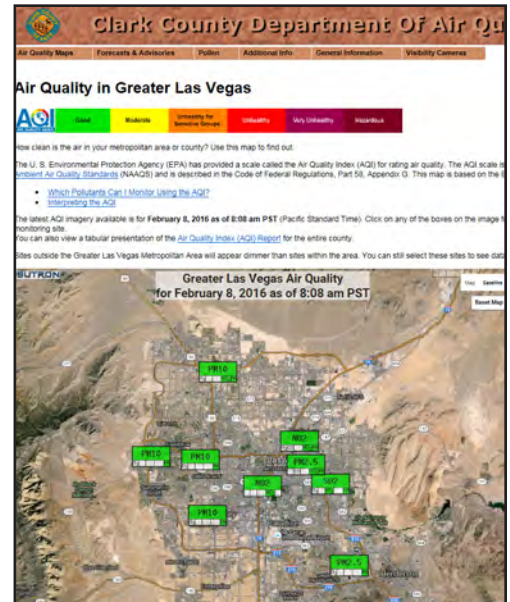
- ▶ Multi-Gas Dilution Calibrator & Portable Multi-Gas Dilution Calibrator
- ▶ EPA Certified Ozone Analyzer
- ▶ EPA Certified SO2 Analyzer
- ▶ Solid State Air Quality Datalogger
- ▶ Heated Sample Manifold
- ▶ Methane Catalytic Oxidizer
- ▶ Ozone Transfer Standard Photometer
- ▶ Permeation Ovens (2 models) & Portable Permeation Oven
- ▶ Zero Air System & Portable Zero Air System

Capabilities

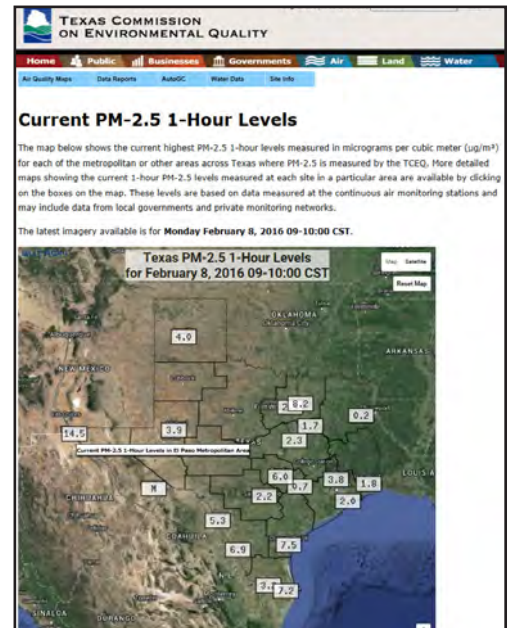
- ▶ System Integration
- ▶ Air Quality Monitoring W/Automatic Calibrations
- ▶ Trace Gas Monitoring
- ▶ Water Quality Monitoring (Surface and Well)
- ▶ EMRS Air & Water Quality Alert Systems
- ▶ Ozone Alerting
- ▶ Automatic Gas Chromatographs(with Data Flagging)
- ▶ FTIR Systems
- ▶ Single and Multi-Can Canisters
- ▶ NEXTRad, Satellite Imagery, Weather User Interface

Additional Services

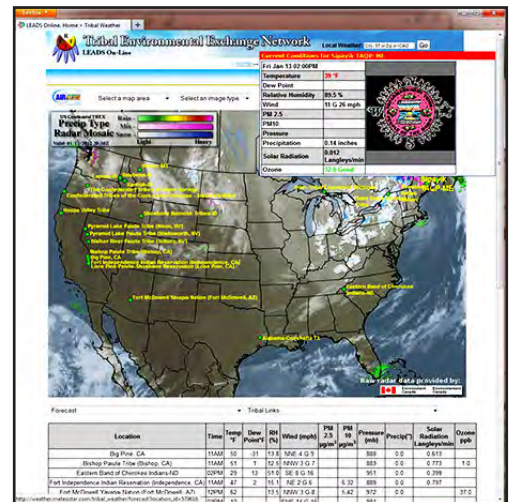
- ▶ Site Selection and Site Prep
- ▶ Station Plumbing
- ▶ Site Installation and Retrofits
- ▶ Calibration Systems
- ▶ Instrument Selection and Installation
- ▶ Meteorological Instruments & Towers
- ▶ Communication Systems
- ▶ Solar Powered Monitoring Stations
- ▶ Shelters



Clark County, NV Air Quality Monitoring Web Page



TX Commission on Environmental Quality Web Page



Tribal Environmental Exchange Network



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