

AgileWeb™ “Ready To Go” Public Information Web Site

Agileweb For AirVision fulfills three roles for air quality data – first, it provides a detailed public information system by which residents can easily see real-time quality data as well as review historical air quality data through easy to generate reports and graphs. Secondly, AgileWeb offers a password-protected web interface for common functions by users outside of the normal monitoring group, such as entry of AQI forecasts and data editing/ approval (for example, by lab data or air toxic groups).

The screenshot shows the County of San Diego Air Pollution Control District website. At the top, there are navigation links for Services, Living, Working, Visiting, and Government. The main header features the County of San Diego logo and a search bar. Below the header is a map of the county with a dropdown menu for Climate Zones set to 'All'. A table displays air quality data for various sites, including Alpine, Escondido, Oceanside, Del Mar, San Diego, and Otay Mesa. The table columns are Site, AQI, Description, Responsible Pollutant, Activity Caution, Risk Groups, and forecast. A second map at the bottom shows a different area with AQI values of 80 and ???.

Site	AQI	Description	Responsible Pollutant	Activity Caution	Risk Groups	forecast
Alpine	80	good	Ozone	No health impacts are expected		Ozone (AQI 20)
Escondido	200	hazardous	Ozone	Everyone should remain indoors	Everyone	Ozone (AQI 10)
Oceanside	50	moderate	PM2.5	Unusually sensitive people should consider reducing prolonged or heavy exertion	People with respiratory ailments	Ozone (AQI 10)
Del Mar	600	unhealthy	Ozone	Everyone should remain indoors	Everyone	Ozone (AQI 20)
San Diego	120	sensitive	Ozone	Asmatics should consider reducing strenuous activities.	People with high sensitivity to exertion	Ozone (AQI 10)
Otay Mesa						???

Finally, AgileWeb offers a full two-way system for importing and exporting AQS data (both text and XML 2.0 format), allowing full interface to NEIEN Exchange Nodes, as well as providing accessible data to entities that may not have normal access to an Exchange Node. AgileWeb is unique in this capability from other web interfaces to data management systems.

AgileWeb can be quickly deployed in standard form and full source code can be provided, as required, for user customization.

Functions

Central Navigator / Map Overlay -

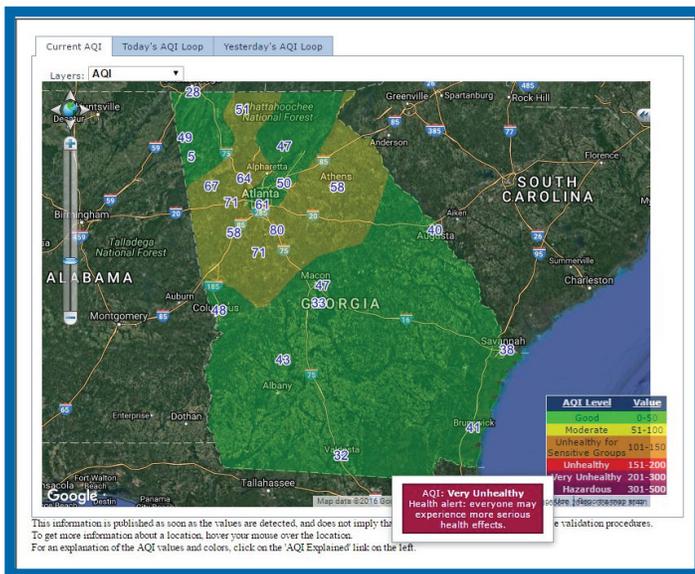
Presents an overall map display, with a color coded marker showing the AQI value. A mouse rollover popup will show the responsible pollutant and concentration value. Clicking on a site or choosing a region allows the user to drill down for more detail, or the user can select a climate region to show the entire AQI for the selected region.

Site Detail Display -

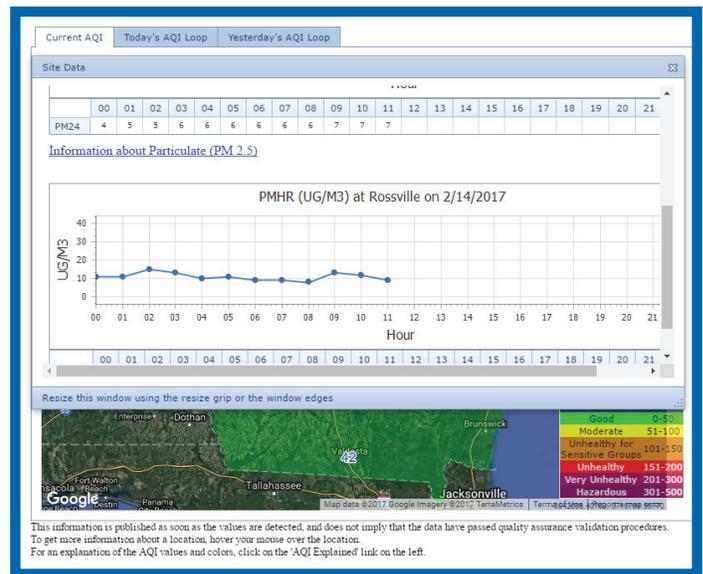
Hyperlinks to site names link to a page displaying the latest value of all pollutants, AQI for the previous X hours, site picture, details of instruments and monitored pollutants, location, and any other narrative details of the site desired.

External/Internal Reporting -

All AirVision reports can be made available in a menu, or as static hyperlinks for predefined reports (parameters, date range), etc. Can be used for both public internet and internal intranet web-based reporting of historical data.



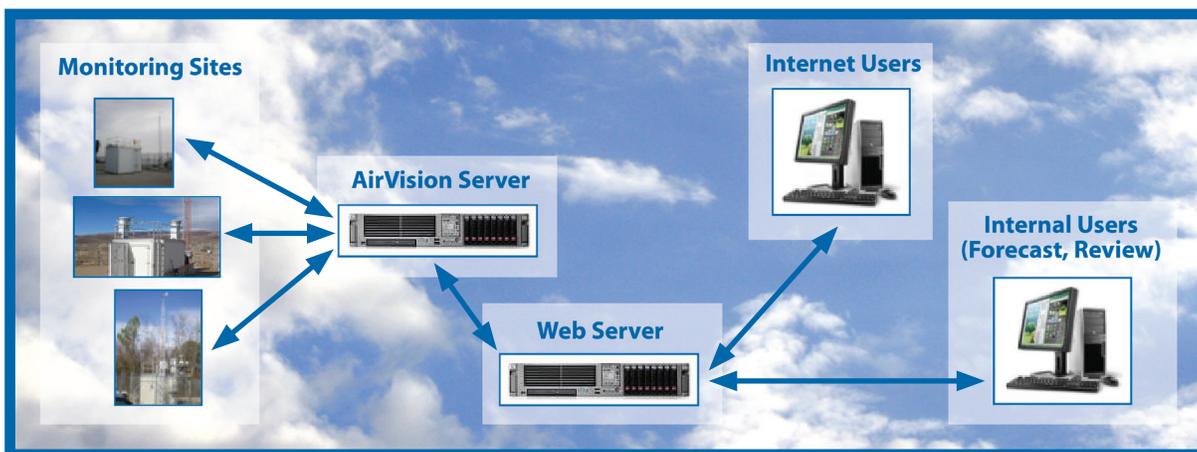
Optional Contour Map available



Add concentration/value layer choices as well as AQI

System requirements:

MIIS, .NET 4.5.2, AirVision, SQL Server (Web or Standard with CPU License)



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