

# **AirNow API**

The Environmental Protection Agency's AirNow API (<u>AirNowAPI.org</u>) is for software developers, researchers, the media, and the public to retrieve air quality forecasts and data in real time. The AirNow API suite of tools includes web services, data feeds, and other file products. This fact sheet outlines these data services and the additional information available through the AirNow API.

An AirNow API account is required to access these services and feeds. Sign up for an account on the Log In page to get started.

#### **Home**

Find information about the AirNow API website and partner agencies on the Home page. Any important information regarding AirNow web services or data feeds is posted here.

## **Web Services**

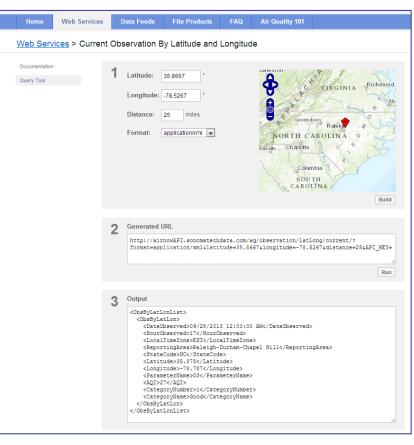
Obtain the latest U.S. air quality data and forecasts. Data are available for a specific zip code or geographic coordinates (latitude and longitude).

Available web services include

- Air quality forecasts and action days issued by air quality agencies.
- Real-time air quality observations by reporting areas – cities or areas defined by air quality agencies.
- Historical air quality observations by reporting areas.

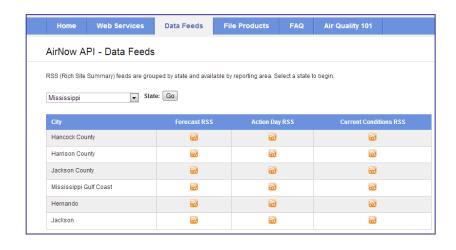
Use the Query Tool to generate a URL and return output (see example at right). Specify a distance range, and the web service will return information for the nearest reporting area. Data formats can be returned in CSV, JSON, or XML formats.

The Documentation page defines all of the input and output parameters.



## **Data Feeds**

Access data using RSS feeds. Data options include air quality forecasts, action days, or current conditions for a reporting area.



## **File Products**

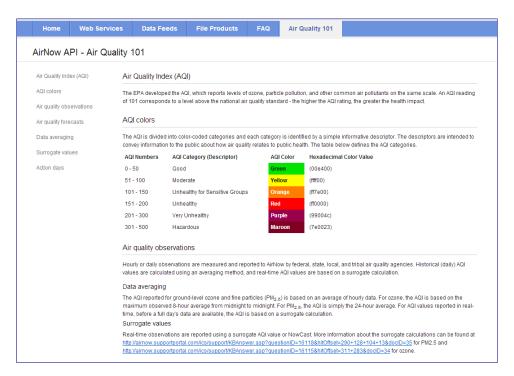
Access several types of air quality data products and formats are available via file transfer protocol (FTP) at <a href="ftp://ftp.AirNowAPI.org">ftp.AirNowAPI.org</a>.

#### **FAQ**

Find answers, definitions of common AirNow terminology, and recommendations in the Frequently Asked Questions (FAQ) section. Contact us at <a href="mailto:AirNowDMC@sonomatech.com">AirNowDMC@sonomatech.com</a> if you have a question that is not answered.

# **Air Quality 101**

Learn the basics in the Air Quality 101 section, including information on the Air Quality Index (AQI) categories and colors.



#### Contact