AirVision

Dashboard   Prediction   Historical Data   About   Contact

Real-time Air Quality Monitoring & Prediction

Get accurate air quality forecasts and historical data to plan your activities and protect your health.

View Dashboard   Get Prediction

Key Features

Activate Windows
Go to Settings to activate

AirVision

Dashboard   Prediction   Historical Data   About   Contact

Key Features

Interactive Map

Visualize air quality data across different locations with our intuitive color-coded map interface.

Advanced Analytics

Detailed charts and graphs showing trends and patterns in air quality over time.

AI Predictions

Our machine learning models provide accurate 24-72 hour air quality forecasts.

Custom Alerts

Set up personalized notifications for when air quality reaches unhealthy levels in your area.

Mobile Friendly

Access all features on any device with our fully responsive design.

Historical Data

Access years of historical air quality data for research and analysis.

Activate
Go to Settin

AirVision

Dashboard   Prediction   Historical Data   About   Contact

Air Quality Dashboard

Current Air Quality

72 Good

Pollutant Levels ($\mu g/m^3$)

PM2.5	12.4
PM10	24.8
Ozone (O_3)	45.2
Nitrogen Dioxide (NO_2)	18.7
Sulfur Dioxide (SO_2)	3.2
Carbon Monoxide (CO)	0.8

Air Quality Prediction

Location

Enter city or coordinates

Date

mm/dd/yyyy

Time

--:-- --

Prediction Model

Select model

Include Weather Data

Yes

Predict Air Quality

Air Quality Prediction

Location

chennai

Date

05/12/2025

Time

07:57 PM

Prediction Model

Select model

- Select model
- Neural Network (MLP)
- Random Forest
- Support Vector Machine
- Ensemble Model

Include Weather Data

Yes

Predict Air Quality

Predict Air Quality

Prediction Results

63   Moderate

	+6h	+12h	+18h	+24h	+30h	+36h	+42h	

Predicted Pollutant Levels (µg/m³)

PM2.5	14.9
PM10	23.7
Ozone (O_3)	34.6

Health Recommendations

Air quality is moderate. Unusually sensitive people should consider reducing prolonged or heavy exertion.
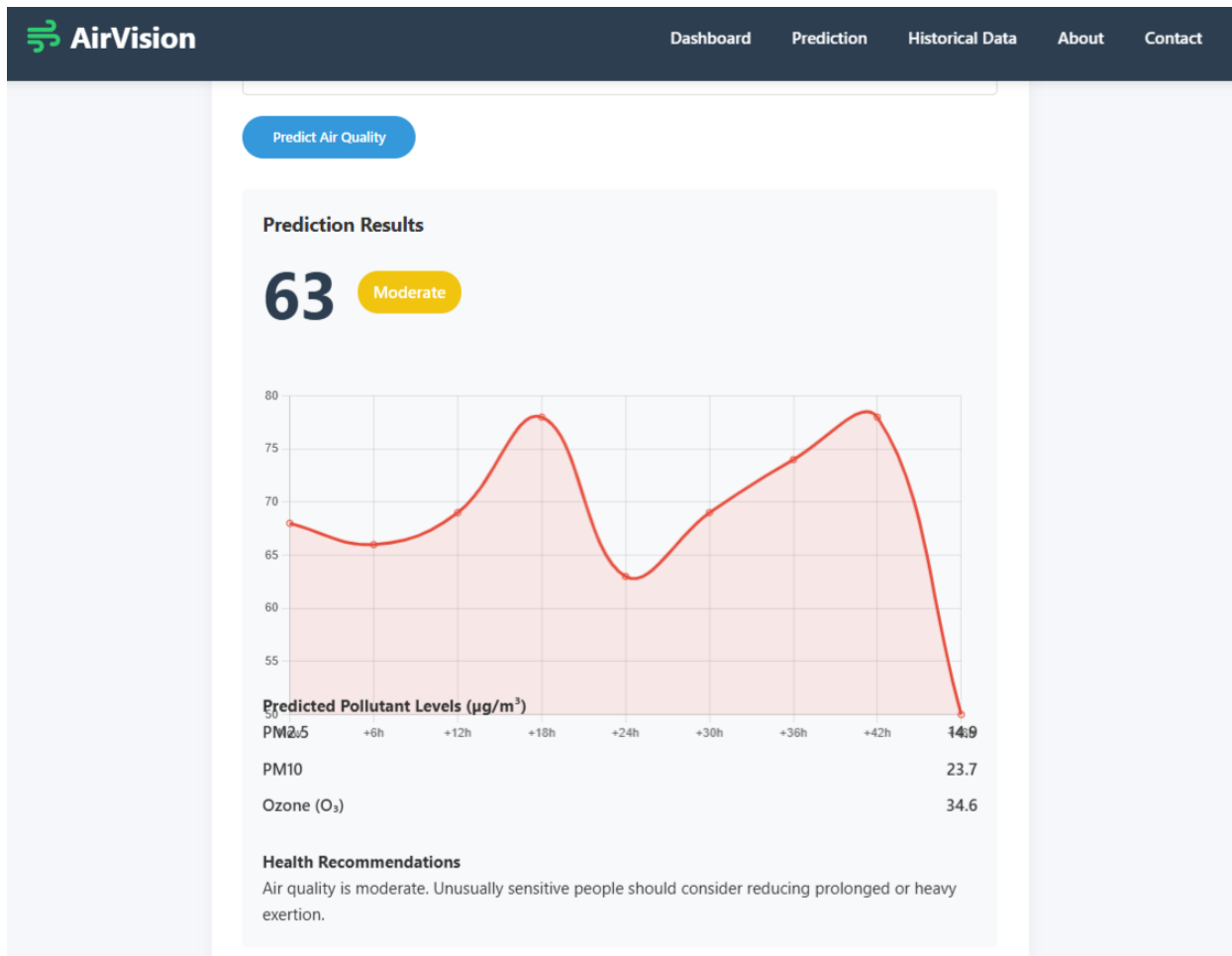
Historical Air Quality Data

Date	Location	AQI	PM2.5	PM10	O₂	NO₂	SO₂
2023-06-15	New York, NY	68	15.2	28.7	42.3	19.8	3.5
2023-06-14	New York, NY	72	16.8	31.2	45.1	21.4	3.8
2023-06-13	New York, NY	65	14.1	26.5	40.7	18.2	3.1
2023-06-12	New York, NY	78	19.3	35.6	48.9	24.7	4.2
2023-06-11	New York, NY	82	21.7	38.2	52.4	26.9	4.8
2023-06-10	New York, NY	58	12.6	23.8	38.5	16.3	2.7
2023-06-09	New York, NY	62	13.9	25.4	39.8	17.5	2.9
2023-06-08	New York, NY	89	24.3	42.7	56.1	29.4	5.3
2023-06-07	New York, NY	76	18.6	33.9	47.2	23.8	4.1
2023-06-06	New York, NY	71	16.5	30.8	44.6	20.9	3.6

Load More Data

About AirVision

AirVision is an advanced air quality monitoring and prediction platform that leverages cutting-edge machine learning technologies to provide accurate air quality forecasts and historical data analysis. Our mission is to empower individuals, communities, and organizations with the information they need to make informed decisions about outdoor activities, health precautions, and environmental policies.

Our Technology

AirVision utilizes a combination of:
- Real-time sensor networks
- Satellite data integration
- Machine learning models (neural networks, random forests, SVMs)
- Meteorological data correlation
- High-performance computing

Data Sources

We aggregate data from multiple reliable sources including:
- Government environmental agencies
- Research institutions
- IoT sensor networks
- Weather data providers
- Community-contributed measurements

About AirVision

Providing accurate air quality predictions and historical data to help you breathe easier and live healthier.

f 𝕏 ◎ in

Quick Links

Dashboard
Prediction Tool
Historical Data
About Us
Contact

Resources

API Documentation
Research Papers
Air Quality Guide
Health Recommendations
FAQ

Contact Us

📍 123 Green Street, Eco City, EC 12345
📞 +1 (555) 123-4567
✉ info@airvision.com

Activa
Go to S