Building the World's Largest Real-time Weather and Environmental Data Platform

WE'RE SYNOPTIC DATA

Seeing the need for a more cohesive weather data platform, Synoptic Data was formed to transform weather data collection and create a comprehensive, real-time source of information that anyone could access.

With a passion to provide access to data for all, we're building a platform where valuable weather and environmental information from hundreds of data sources—ranging from personal weather stations to government networks—come together seamlessly.

PURPOSE-DRIVEN

Synoptic Data is proud to be a Public Benefit Corporation and Certified B Corp. As a purpose-driven company, we're a reliable ally for communities and industries impacted by weather, water, and environmental conditions. Uniting people with data is our passion! We seek to empower users with timely and accurate information to help them make important decisions.

OUR VISION

To be the world's largest and most trusted source for real-time global weather and environmental data.

OUR MISSION

To provide access to weather and environmental data to support decisions that save lives, protect property, and enhance our understanding of Earth systems.
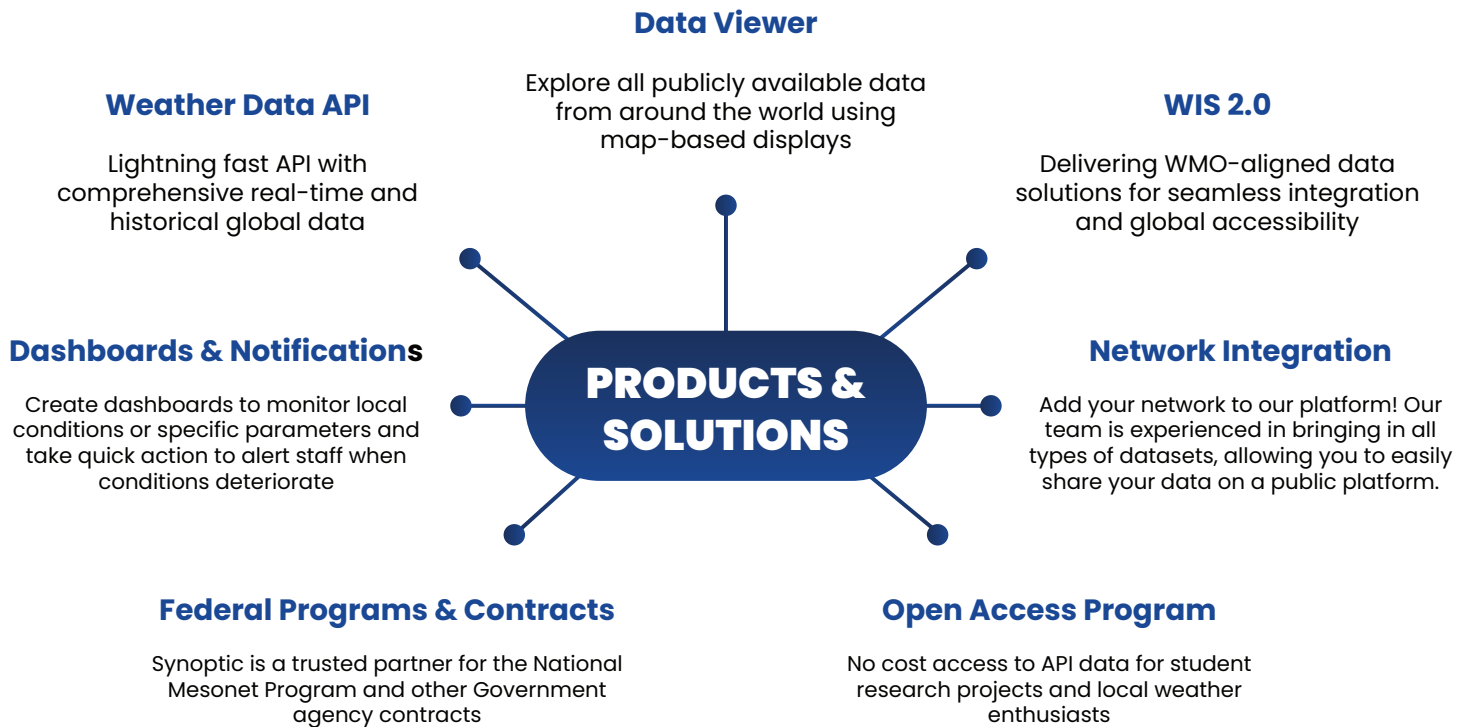
150,000+
Weather Stations

160+
Weather and
Atmospheric Variables

320+
Data Sources

Synoptic.

Data Viewer
Explore all publicly available data from around the world using map-based displays

Weather Data API
Lightning fast API with comprehensive real-time and historical global data

WIS 2.0
Delivering WMO-aligned data solutions for seamless integration and global accessibility

PRODUCTS & SOLUTIONS

Dashboards & Notifications
Create dashboards to monitor local conditions or specific parameters and take quick action to alert staff when conditions deteriorate

Network Integration
Add your network to our platform! Our team is experienced in bringing in all types of datasets, allowing you to easily share your data on a public platform.

Federal Programs & Contracts
Synoptic is a trusted partner for the National Mesonet Program and other Government agency contracts

Open Access Program
No cost access to API data for student research projects and local weather enthusiasts

When Data Matters, Choose the Platform that Gives You the Most

The Synoptic Data platform is the largest global repository of weather and environmental data. From a single source, you get access to data from more networks around the world than any other provider.

WHY CHOOSE US?

Comprehensive, global data: access weather and environmental data from multiple public and private networks globally from a single source.

Unique features: Push Streaming available for our API, Precipitation Service, GIS layers, US radar, storm reports, customized dashboards, and more!

Real-time & historical data: Low latency, real-time data and up to 20+ years of historical information

Data quality assurance: With numerous quality checks, data goes through a rigorous quality control process in real-time, and accurate data is delivered quickly to our platforms.

LEARN MORE ABOUT SYNOPTIC

Visit our website to learn more about our products and services, and explore our Data Viewer platform where you can view global observations:

Website QR

Data Viewer QR

HOW TO REACH US

Product demos and pricing: sales@synopticdata.com
For customer support: support@synopticdata.com

CONNECT WITH US