

Weather Data APIs for corporations

Increase business performance and unlock business opportunities with actionable weather knowledge



More than ever before, weather is having an enormous impact on the business operations of organizations across all industries and sectors. Workflows and processes are being negatively impacted by weather and companies are struggling to integrate weather data effectively to address these issues. With technology increasingly allowing companies to process ever larger volumes of data, the integration of historic, real-time, weather forecast data into the main workflows and processes of organizations brings to the fore a range of new opportunities which corporations can take advantage of. MeteoGroup Weather APIs (Application Programming Interfaces) help companies in all industries to integrate weather data into their workflows and processes, allowing them to improve operational processes, create new offerings and enrich the user experience.

Benefits

MeteoGroup's Weather Data APIs allow companies to build creative solutions that integrate weather data into their processes and workflows, helping them:

- Increase profitability through informed decision making.
- Unlock new revenue opportunities with product add-ons and new offerings.
- Improve the customer experience with reliable and predictable outcomes.

Users and key use cases

Weather Data APIs can be used in any industry and by any company, where weather has an influence on business outcomes. MeteoGroup Weather Data APIs offer great opportunities for:

- Data scientists
- Big data and data analysts
- Application developers
- Process managers

Weather Data APIs allow companies to develop new and innovative solutions that:

- Improve operational processes (e.g. safely transport increased levels of electricity through the grid or predict where taxis will be needed).
- Create new offerings (e.g. an app that makes automated decisions about heating and cooling levels in a house and when to close window shades).
- Enrich the user experience (e.g. smarter cars that are responsive to changes in weather and road conditions).

Customers

Companies as diverse as TechnoAlpin, UK National Grid and taxi services provider, have put their trust in us and allowed us to put our data to work. Contact us to learn more about how you can help your customers streamline their operations by integrating weather-based information.



Features

The MeteoGroup Weather Data APIs provide weather observation and forecast data that support informed decision making for any business where performance is impacted by the weather conditions. It offers features such as:

- **Weather observations** - Based on an extensive set of weather stations, they include MeteoGroup's own network.
- **Weather forecasts** - Worldwide forecasts, covering any location with hourly updates and forecasts up to 15 days ahead.
- **Weather parameters** - Including industry-specific elements such as, heating degree days.
- **Time zone handling** - Allowing easy and accurate access to global weather data.
- **Data in your preferred unit** - Supporting metric and imperial units (plus a few others!).
- **Future proof** - High-performance, scalable architecture which grows automatically, as suits your business needs.

Unique Weather Data APIs directly available

MeteoGroup offers the following unique, out of the box, Weather Data APIs:

- **Point observations** - Weather conditions coming from stations anywhere in the world.
- **Point forecast** - Global weather forecasts.
- **Lightning** - Raw and aggregated data.
- **Sunrise and sunset** - Times for locations worldwide.
- **Station metadata** - Filter options, including country, location and station type.
- **Nautical** - Hindcasts or forecasts, including nautical parameters.

In addition, with our help and support, you can create any additional APIs and data integrations which helps your business successfully improve its operational processes.

Unique capabilities

MeteoGroup Weather Data APIs unlock our vast weather databases, turning them into actionable insights, suitable for any business in any industry. Our Weather APIs are reliable, flexible and scalable and offer the following unique capabilities:

- Weather data streamed from many sources - from global to hyperlocal.
- A high density of weather observations, including observations from our own network.
- MeteoGroup Weather models and algorithms
- Crossover industry expertise, with experience in 8 verticals.

We will work closely with you to deliver the best weather data for your business. Our global network of weather stations, radars and satellites will ensure you have the most accurate and versatile meteorological data at your fingertips.

Why MeteoGroup

MeteoGroup is the global weather authority. We combine accurate science with advanced technology and local expertise with global reach. MeteoGroup is trusted by hundreds of government agencies, thousands of companies and millions of consumers. With offices in 12 countries around the world, MeteoGroup is perfectly placed to provide local services to a global audience.