



Better Decisions for Your Business

How to drive your business forward with ultra-precise weather forecasts

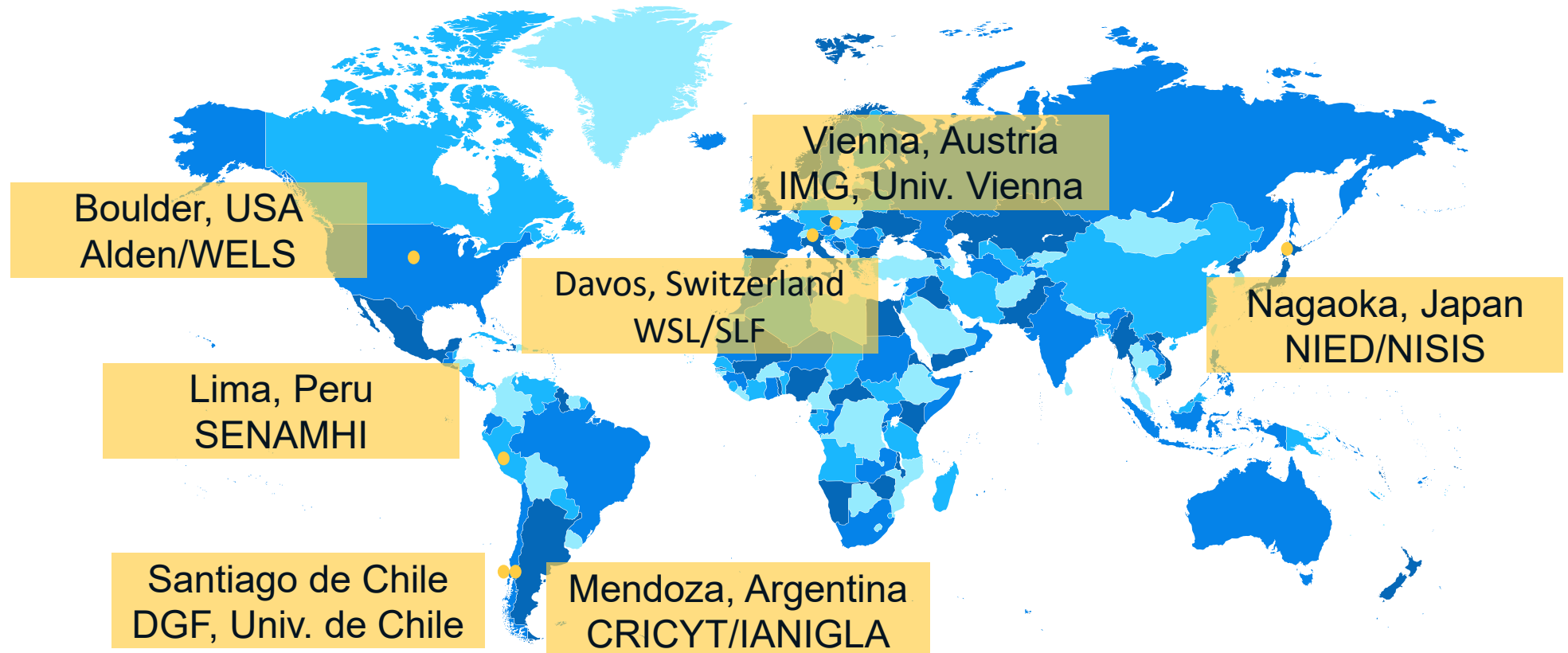




Solution by a Team of Internationally Leading Experts

International Expertise:

- Meteorology
- Geoinformatics
- Snow Science
- Software Development





MetGIS: A Meteorological Revolution!

Meteorological
observation data



Conventional
forecast systems



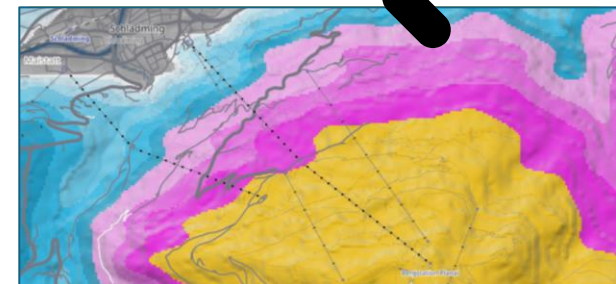
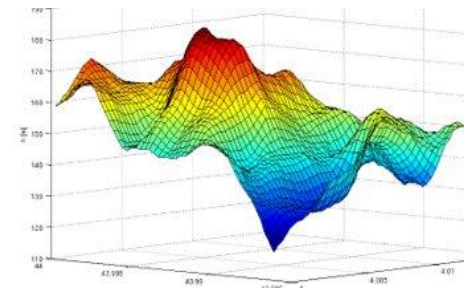
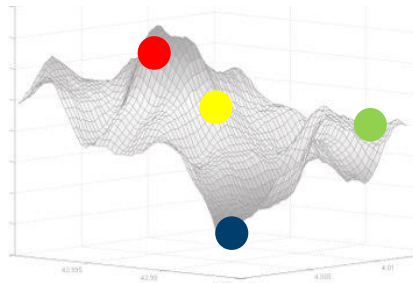
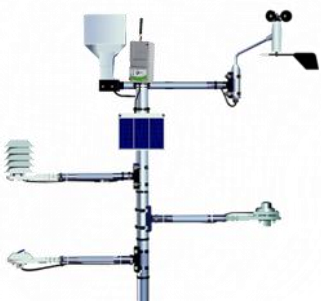
Limit of conventional forecasts



High resolution
terrain data



Ultra-precise
weather forecasts
(up to 30 m resolution)

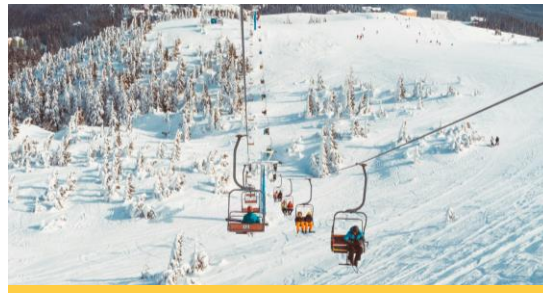




Industry Focus



**Websites,
Apps & Info Screens**



**Tourism &
Ski Regions**



**Avalanche Warning
Services**



**Road Operators,
Railway & Logistics**



**Energy
(solar, wind, hydro)**



**Expedition Teams
& Organizers**



**Open-pit Mining &
Construction Sites**



**Agriculture &
Smart Farming**



Review: MetGIS Products and Services

Weather APIs:

- Point API: for point forecasts
- Maps API: area forecasts
- Historical Weather API
- Long Range Forecast API
- Weather Warnings API



**Point API for
professional demands**



**Weather layers for
Google Maps & co**

Turnkey graphical solutions:

- MetGIS Pro+ Weather Dashboard
- PDF weather reports
- PDF Ski Cockpit



**MetGIS Pro+:
Interactive forecast maps**



**Individual PDF
weather reports**



Point API - Point-based Weather API for Websites, Apps & Business Applications

```
- Info: {
  Description: "MetGIS Point API, Package "smart" v 1.0;
  all data correspond to local time",
  Forecast_Calculated_LocalTime: "2017-10-
02T10:37+02:00",
  Forecast_Calculated_UTC: "2017-10-02T08:37+00:00"
- Current: {
  Temperature: 11.2,
  PrecipitationTotal_Intensity: 0,
  WindSpeed: 27,
  Temperature_Unit: "°C",
  SunSet: "2017-10-02T18:31+02:00",
  SunRise: "2017-10-02T06:55+02:00",
  PrecipitationSnow_Intensity: 0,
  Icon: "sunny.png",
  WindDirection: "SE",
  PrecipitationRain_Intensity: 0,
- Forecast_hourly: {
  + ForecastTimes_LocalTime: [...],
  - Temperature: [
    14.8,
    16.2
```



Calculated on the basis of exact coordinates and altitudes (not on geo tags, zip codes, etc.)



Highest data quality, even in the most remote regions worldwide



Easy to implement (JSON)



Many special weather parameters for specific industries



Resolution up to 30 m



Maps API - add extremely detailed weather layers to your map applications



World innovation:
<100 m resolution & super zoom



**Tiles (PNG), Vector data (PBF) and
numerical point data (UTF Grids)**



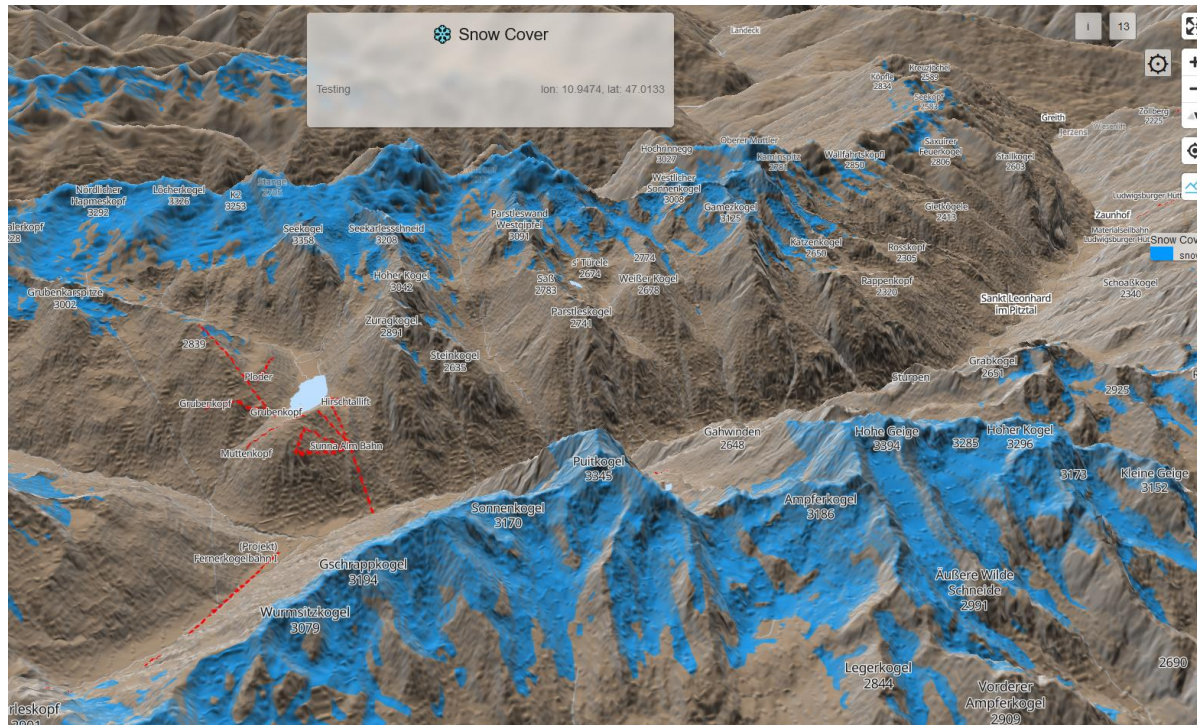
**Forecast layers for the next 72
hours**



New: Snow cover and precipitation radar included in Maps API



Maps API – Snow Cover Maps



Daily updated map of the current snow cover



Zoomable till 30 m resolution

Based on data from



- various satellites,
- high resolution terrain models,
- and the fresh snow forecast

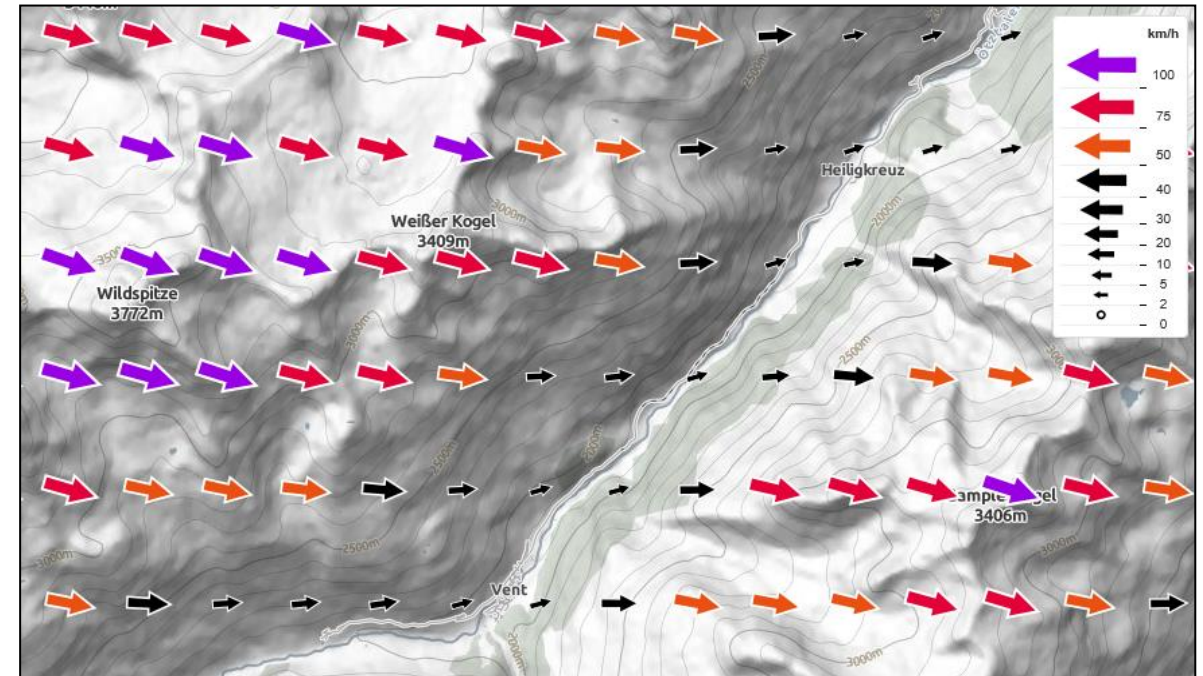
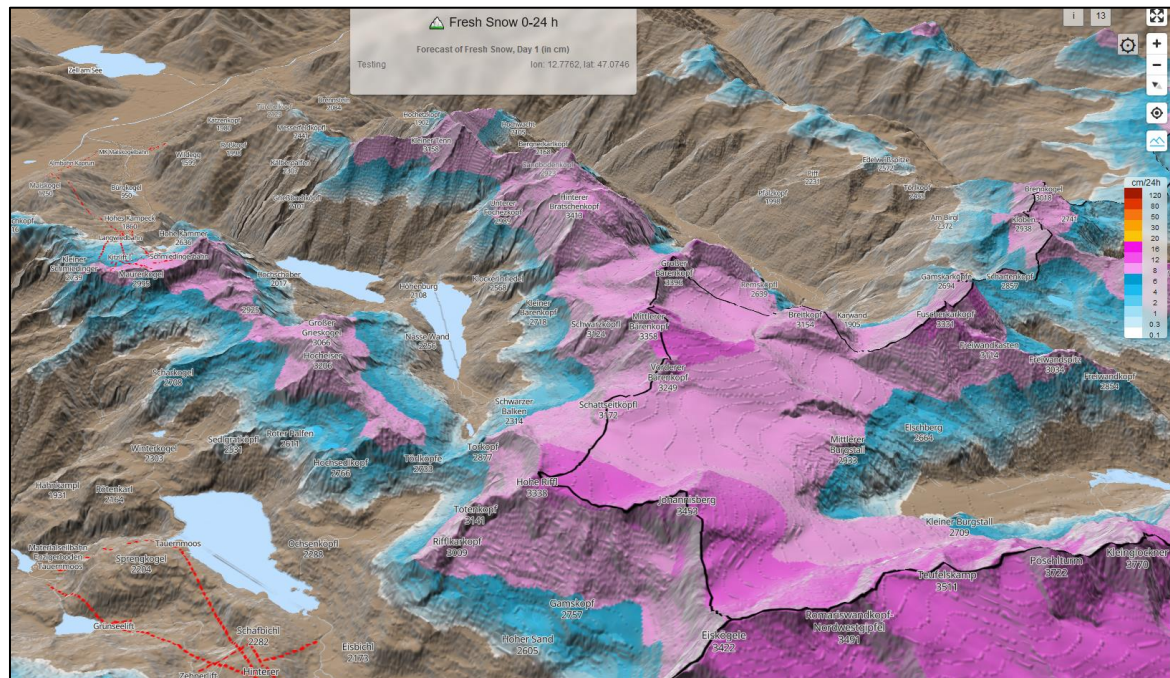


Available for Central Europe, Pyrenees and Southern Andes



Maps API – Some Visualization Examples

Fresh snow forecast maps



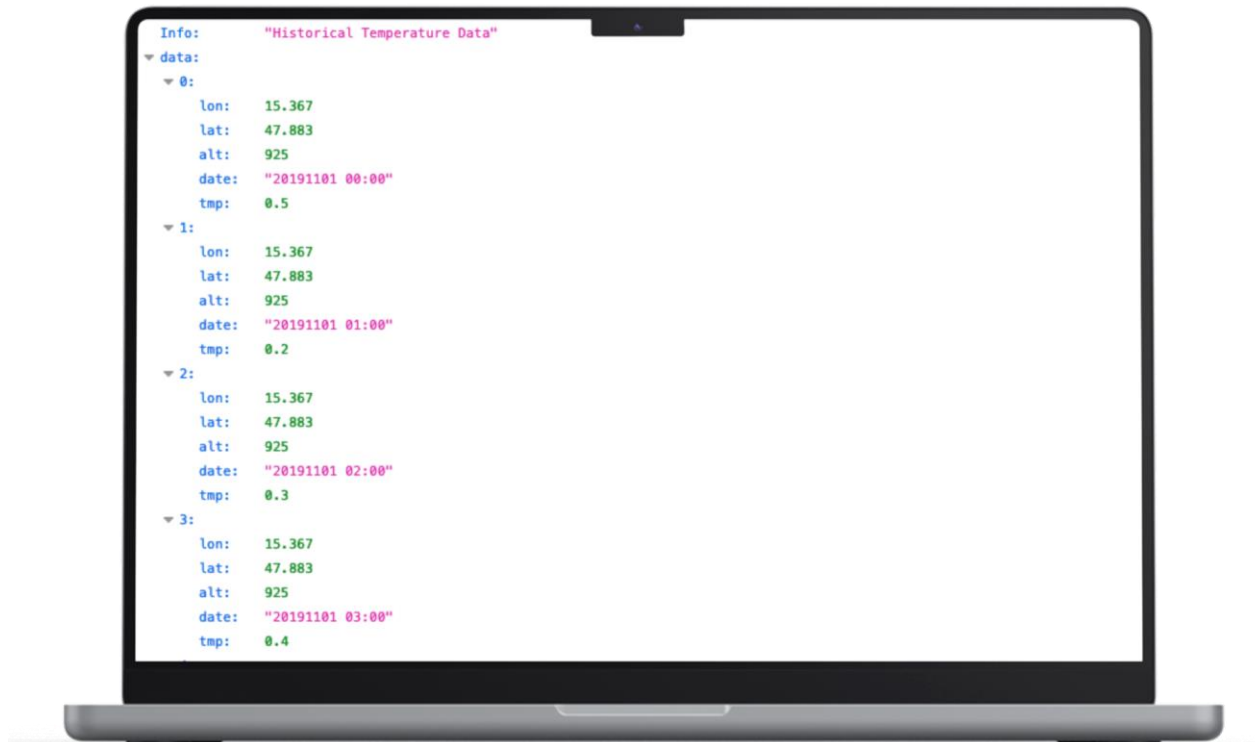
Wind forecast maps



Fresh snow and wind forecasts are important for avalanche warnings



Hist API – Historical Weather Data



Historical weather data in high resolution of less than 1 km



Fast download via link, or simple API integration



Perfect for AI applications



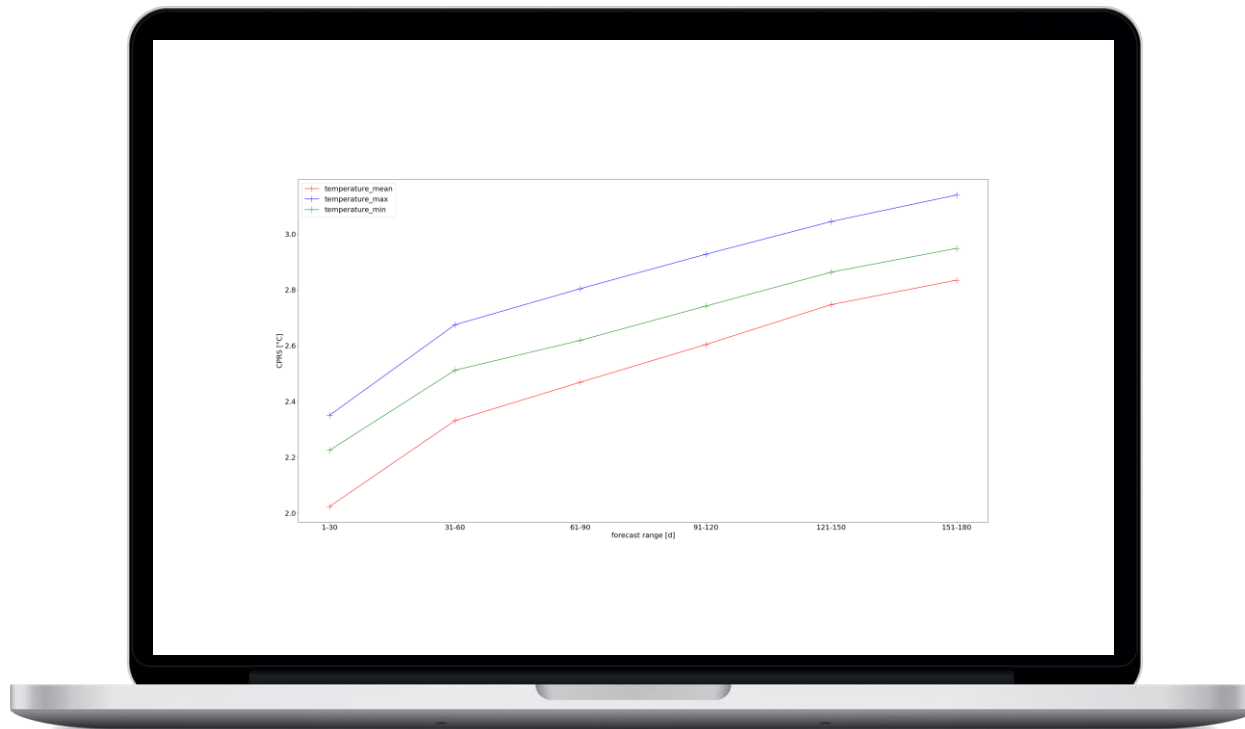
Available in JSON or CSV format



Historical weather data with the highest precision



Long Range Forecast API - Weather forecasts for the next 7 months



Different time resolution of the forecasts (month or day)



More flexibility thanks to long-term planning options



Use cases in various sectors, e.g. agriculture, tourism, energy, logistics



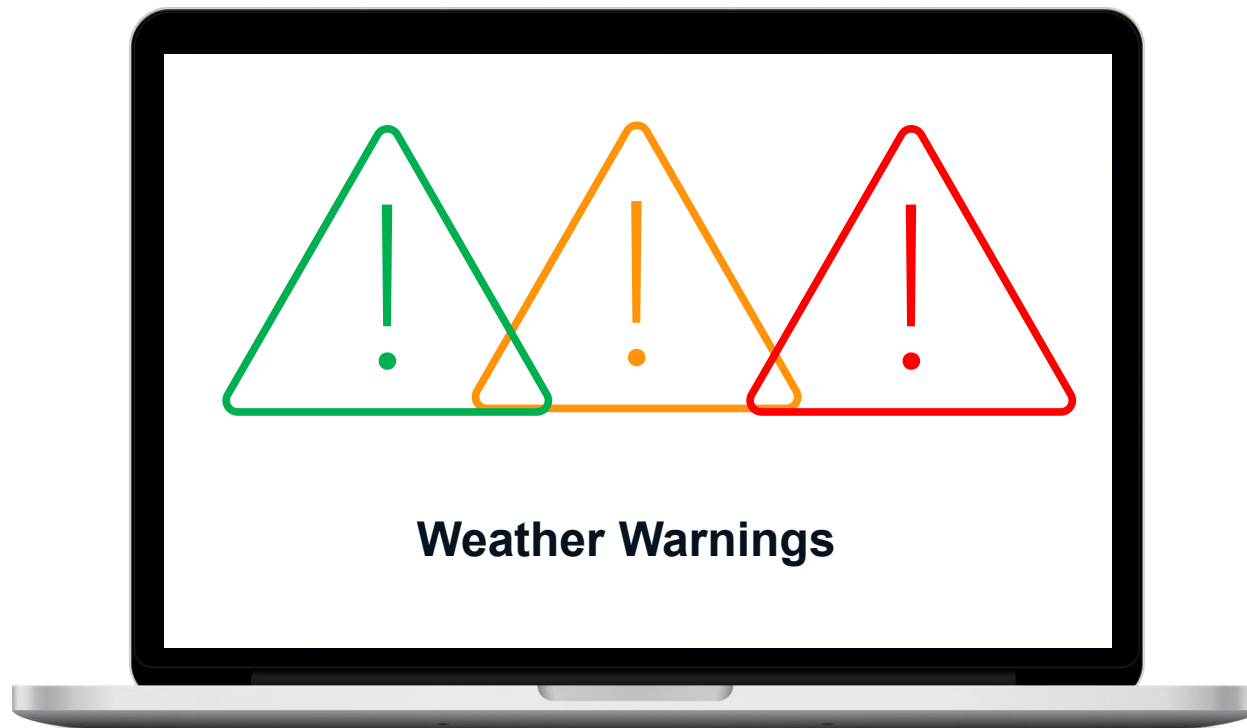
Available in JSON format



See the global trends for weather developments over the upcoming months



Weather Warnings API - early warnings for your safety



Official warnings from the European weather services, available via API in GeoJSON format



4 warning levels



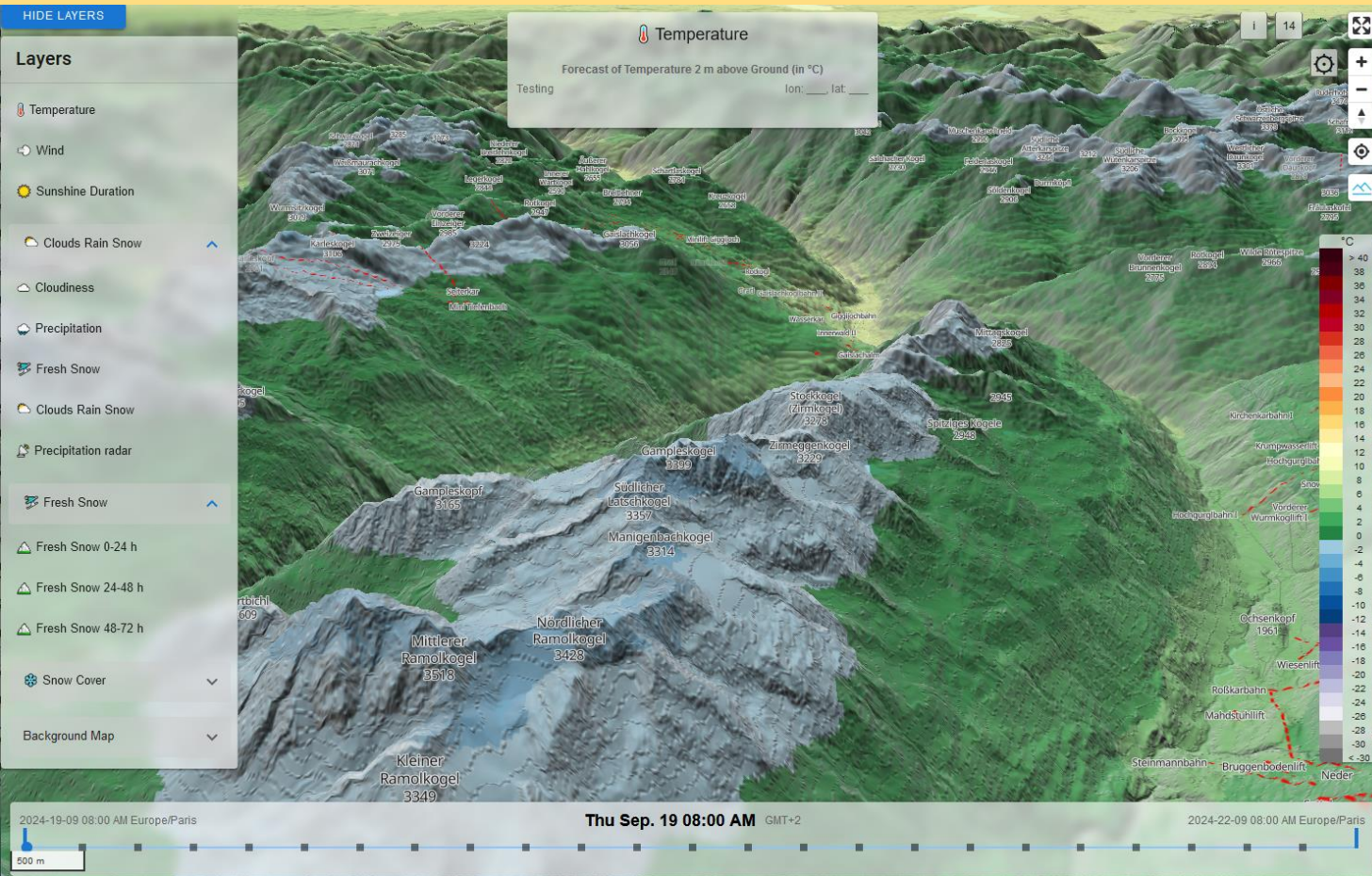
Alternative:
Customizable global early warnings for various output channels



Warning content: Heat stress, cold stress, heavy rain and snowfall, black ice, thunderstorms and much more.



MetGIS Pro+: your revolutionary interactive weather dashboard



Weather overview for your area of interest, zoomable to resolutions of up to 30 meters



Turnkey solution, available 24/7 online via your web browser



Click on any map location for 10-day forecasts in daily and hourly resolution

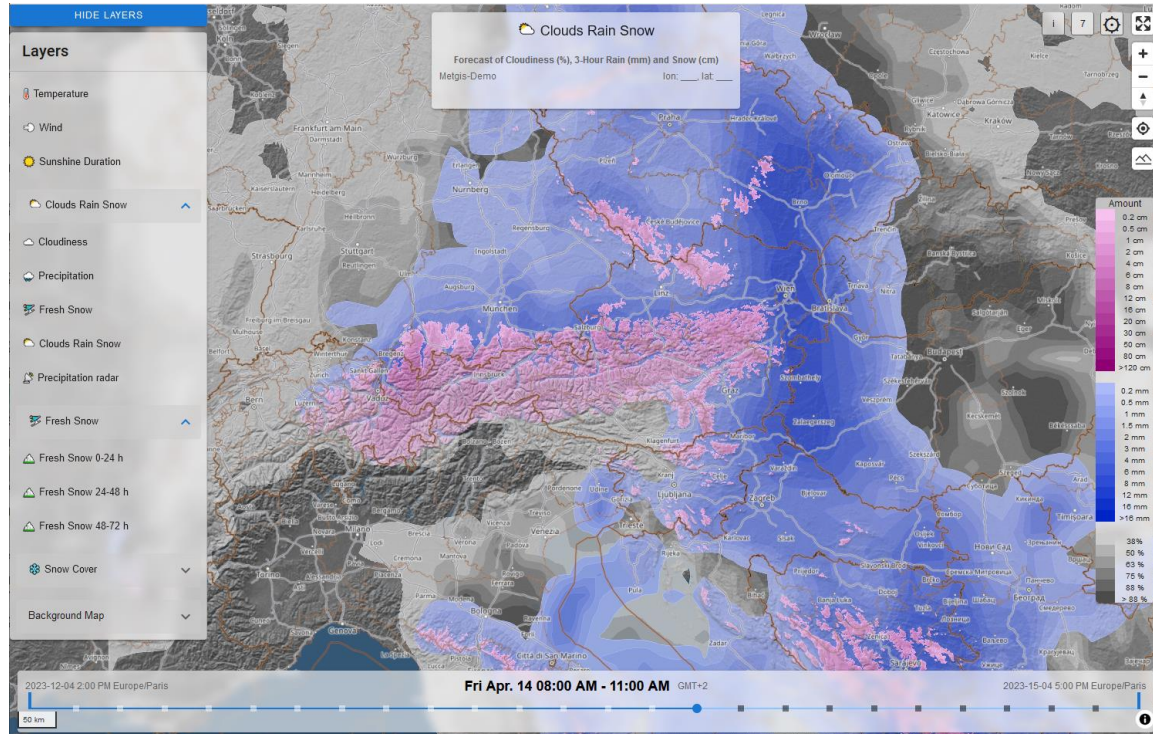


Easy to use for all personnel, no training required

Brand new feature: 3D Visualization

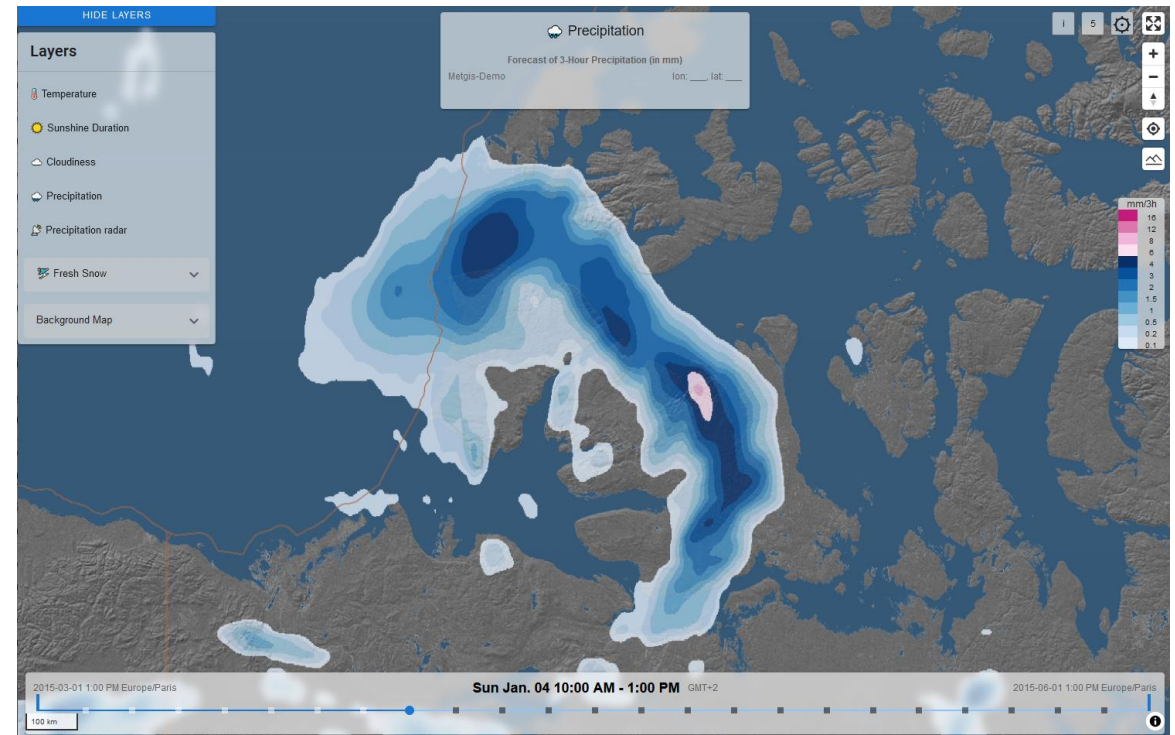


MetGIS Pro+ : all weather at a glance, 24/7 online



Combined map: clouds (grey), rain (blue), snow (pink)

Available world-wide, even for remote regions

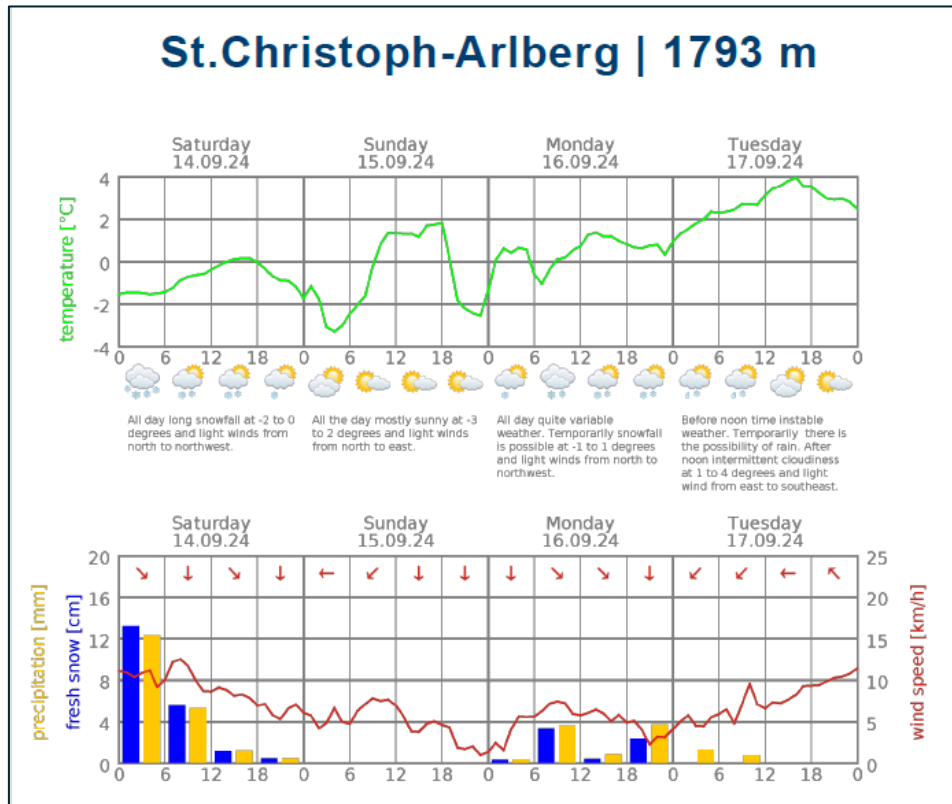


Many different weather parameters

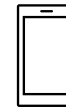
Click on any point of the map for precise 10-day forecasts.



PDF Weather Reports: daily updated in your email inbox



**Precise weather report,
delivered daily to by email**



**For use on PC, smartphone or as
a printout (PDF)**



**Combines forecast texts and
weather graphics**



**Available in several languages
for any forecast point worldwide**



**Weather parameters: temperature, precipitation, snow, wind, snow limit,
cloudiness, wet bulb temperature**



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Do you want to see our solutions live? Do not hesitate to contact us.