



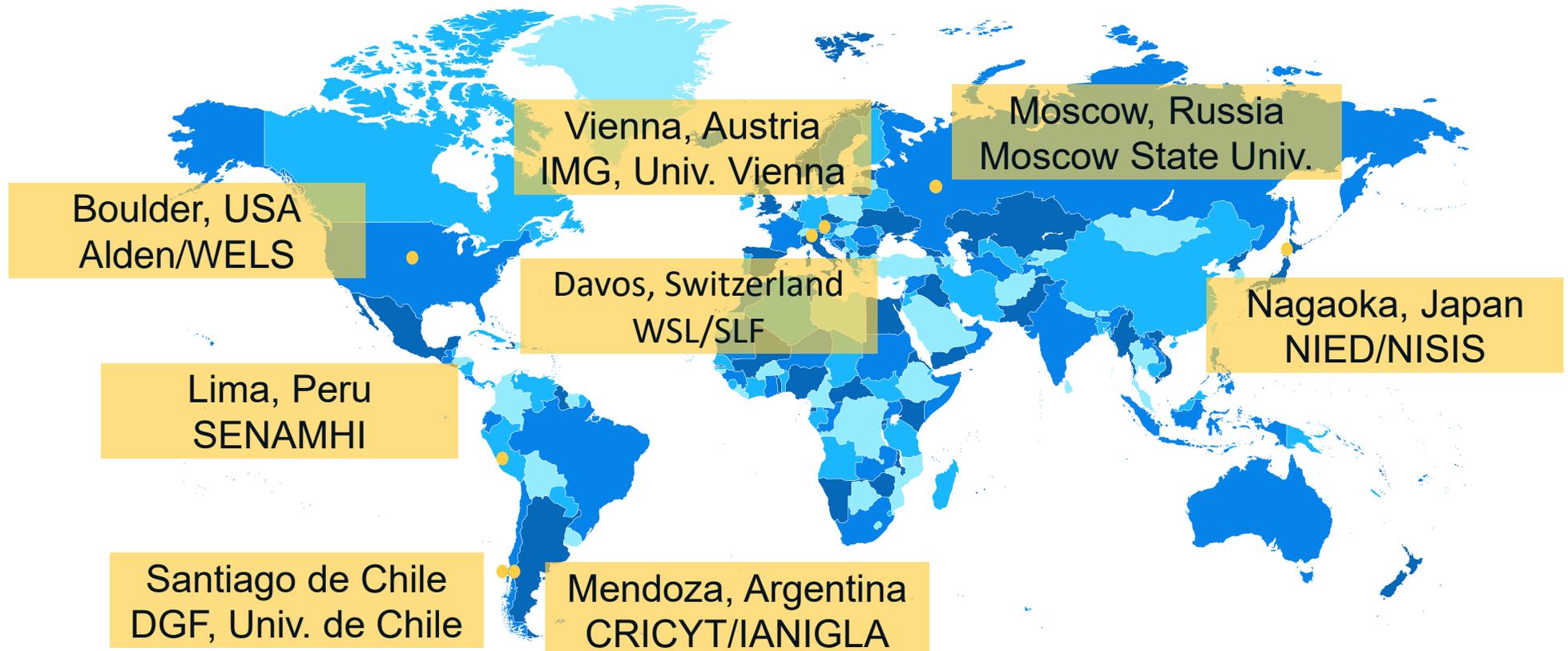
Better Decisions for Your Business

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

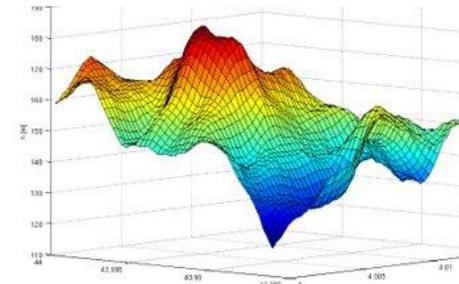
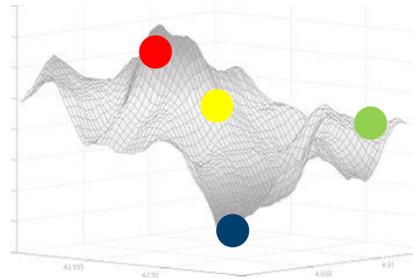
Conventional forecast systems



Limit of conventional forecasts

High resolution terrain data

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

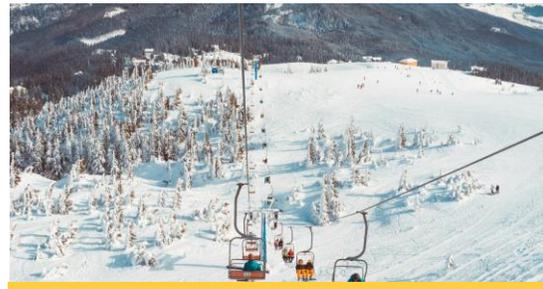




Industry Focus



**Websites,
apps & infoscreens**



**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



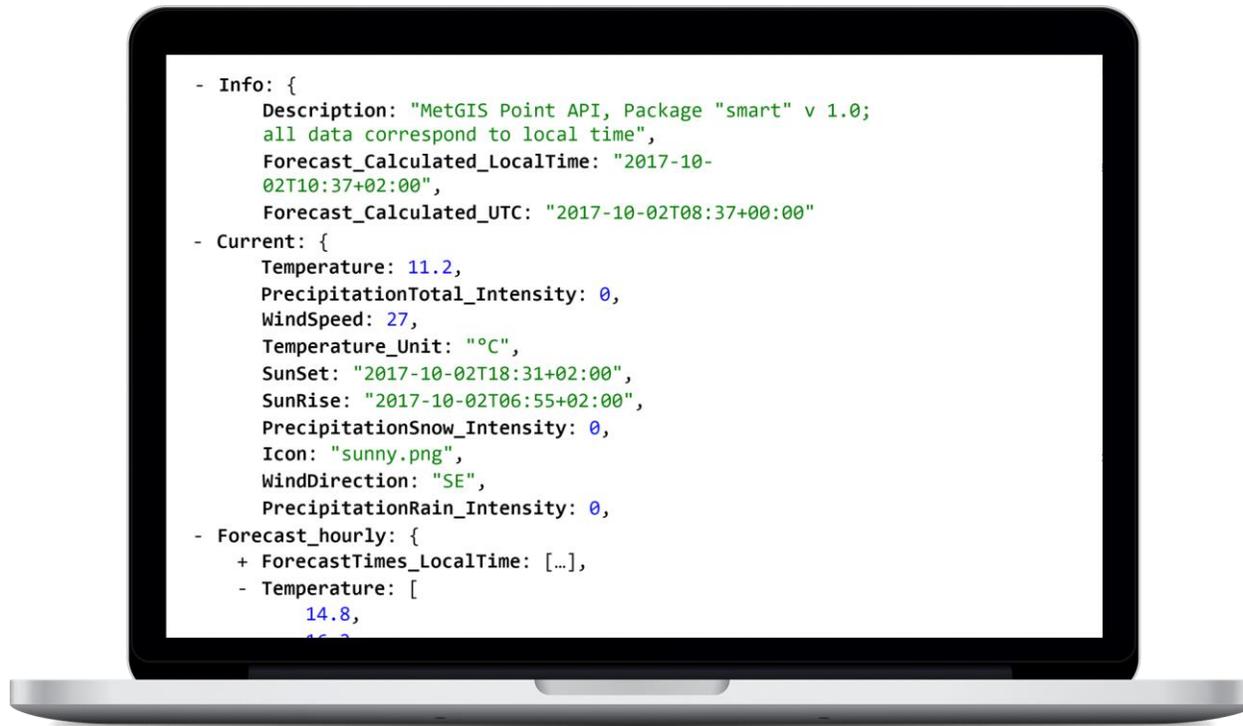
MetGIS Pro+: Interactive forecast maps



Individual PDF weather reports



Point API - point-based Weather API for Websites, Apps and Business Applications



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 existing map applications



World innovation:
<100 m resolution & super zoom



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



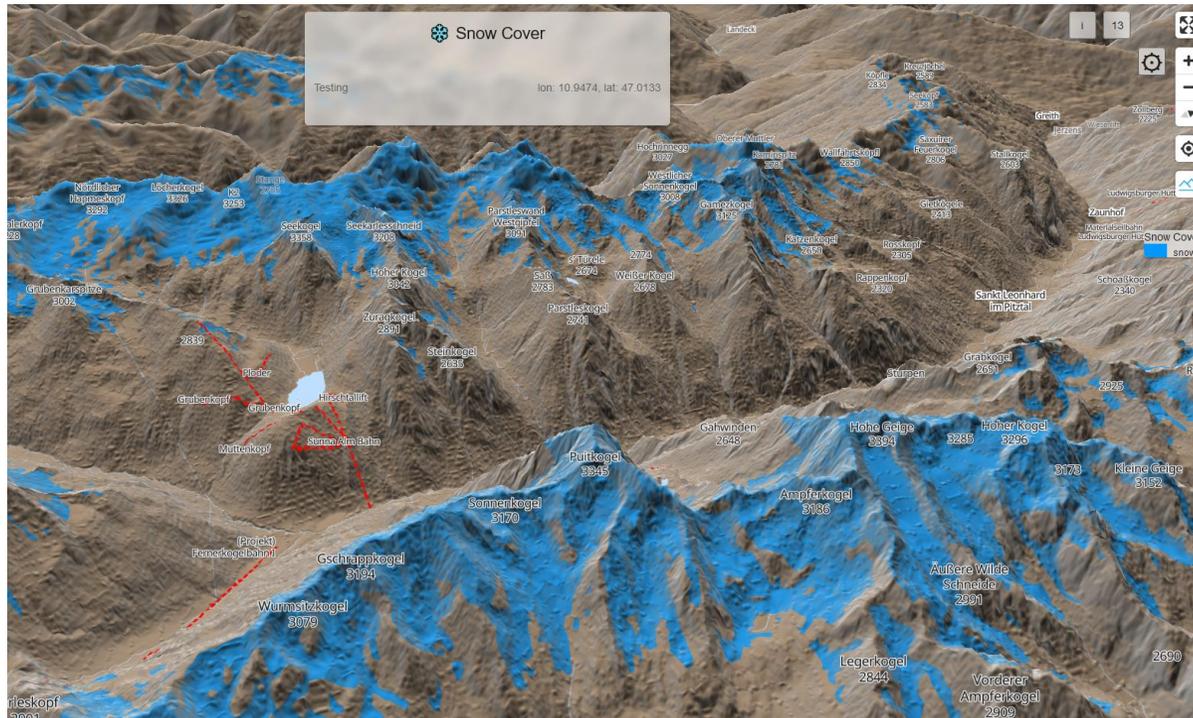
**Forecast layers for the next 72
hours**



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

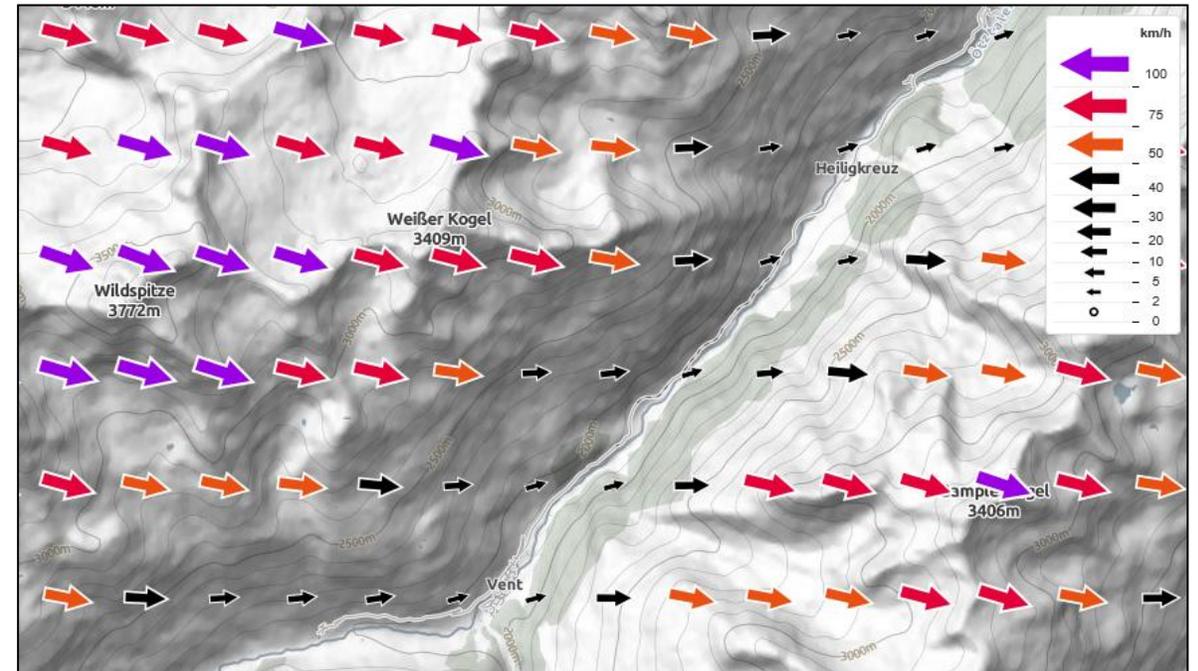
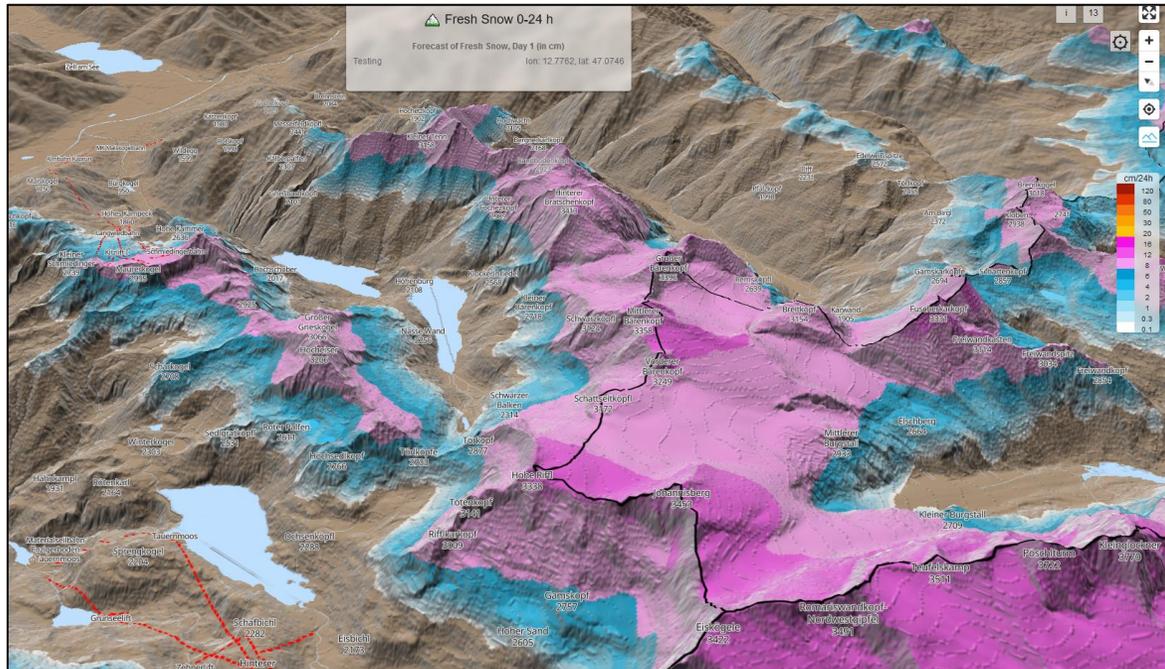


Available for Central Europe, Pyrenees and Southern Andes



Maps API – Some visualization examples

Fresh snow forecast maps



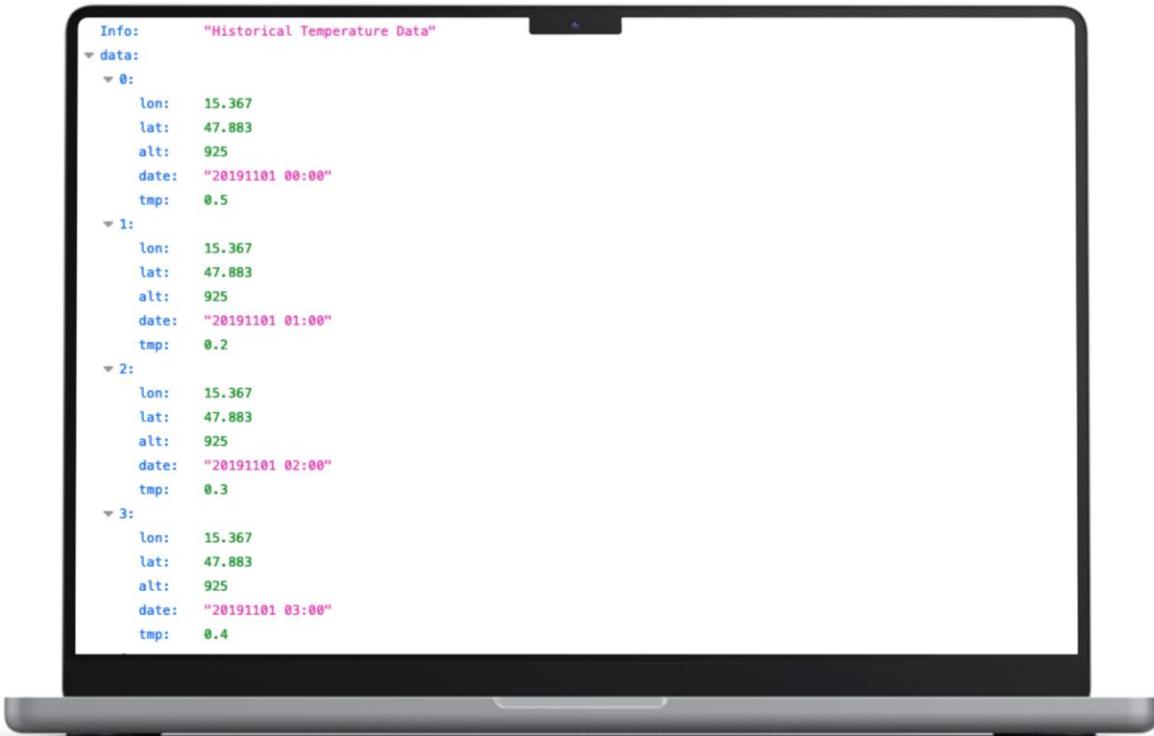
Wind forecast maps



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



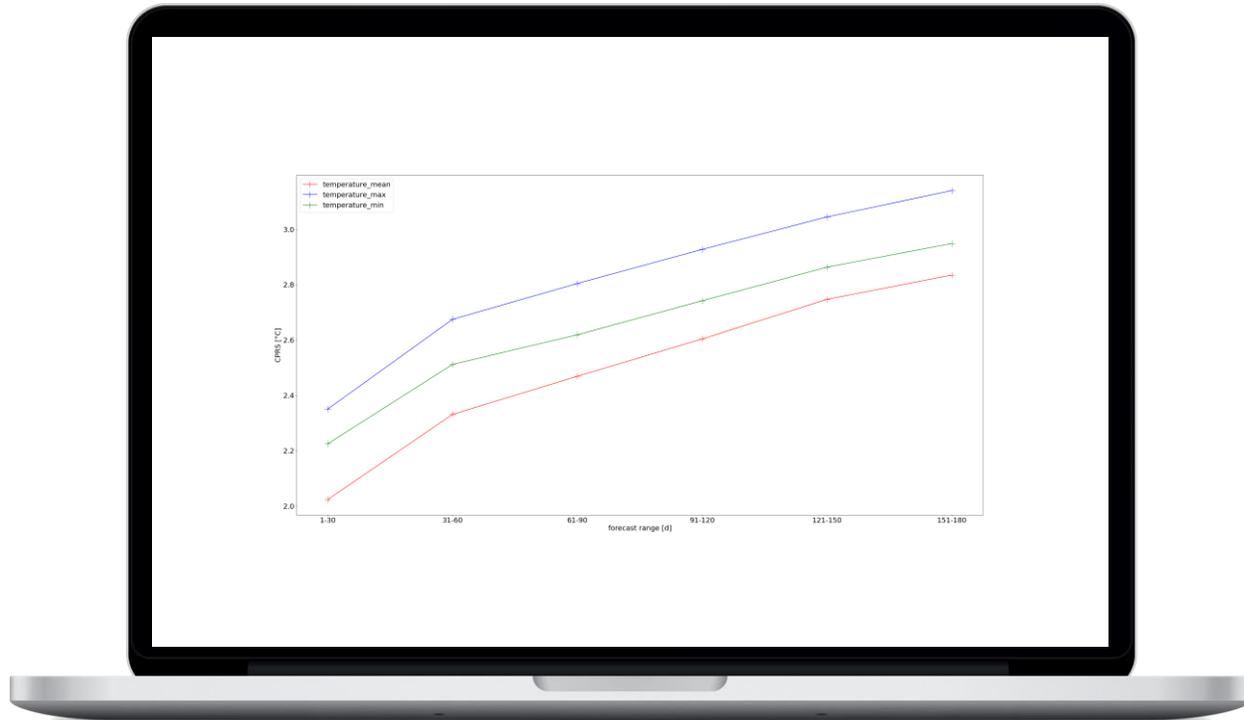
Available in JSON or CSV format



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



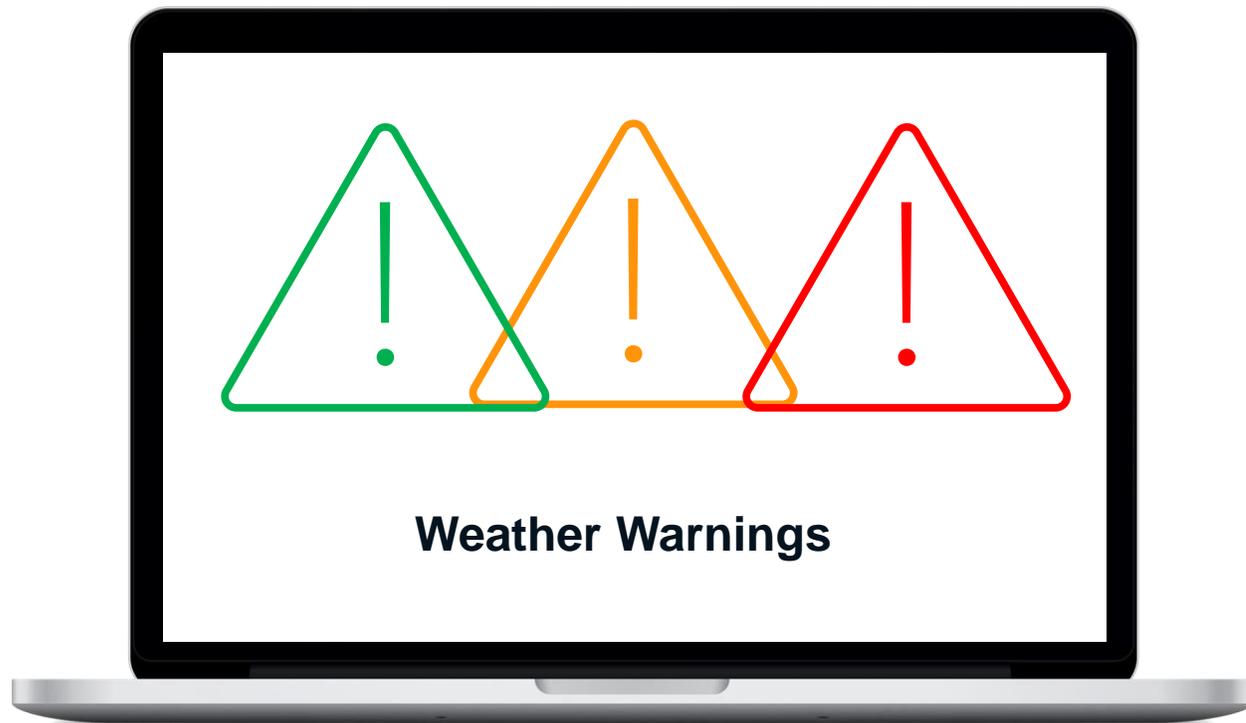
Available in JSON format



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



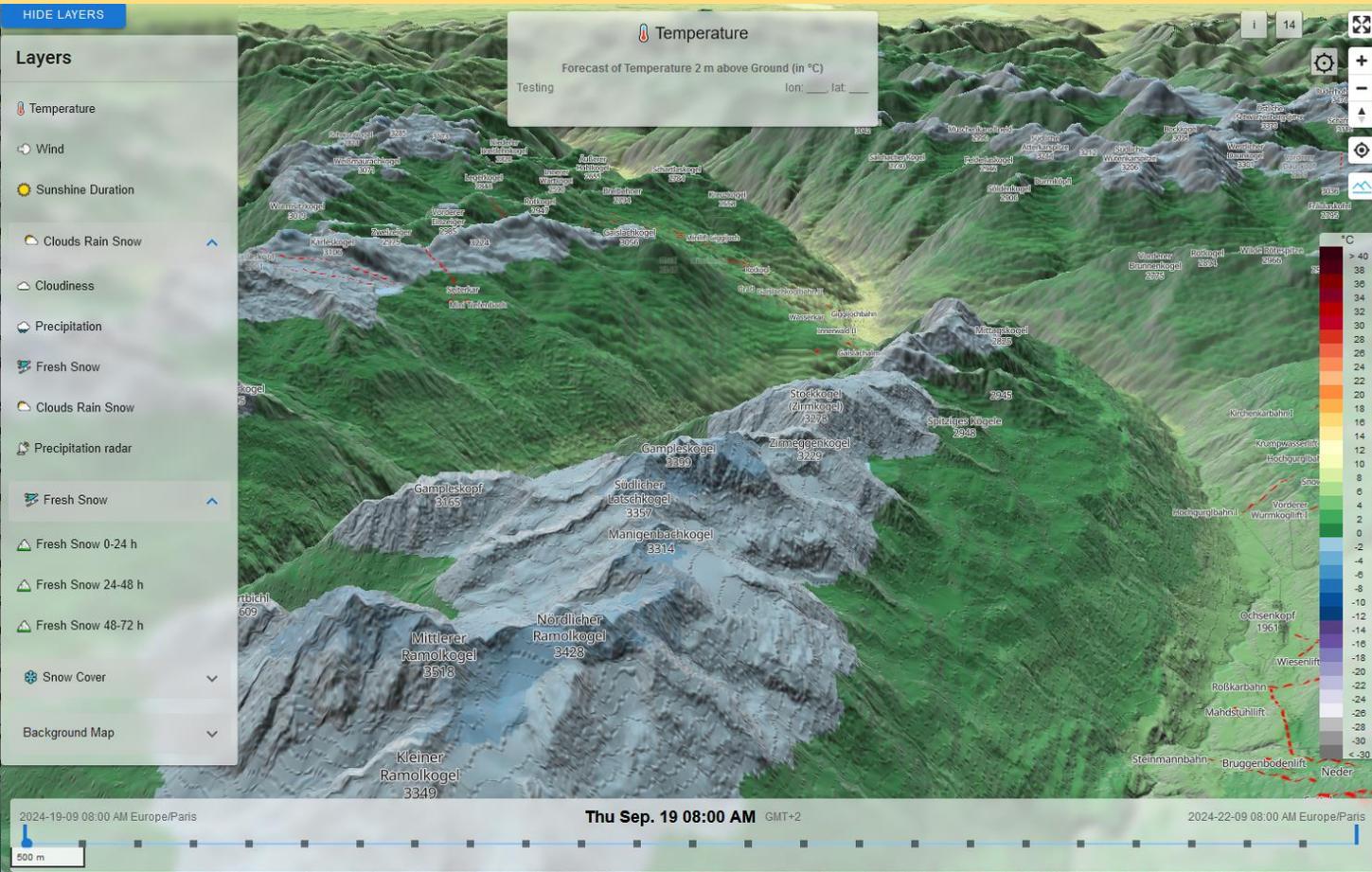
Alternative:
Customizable global early warnings for various output channels



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

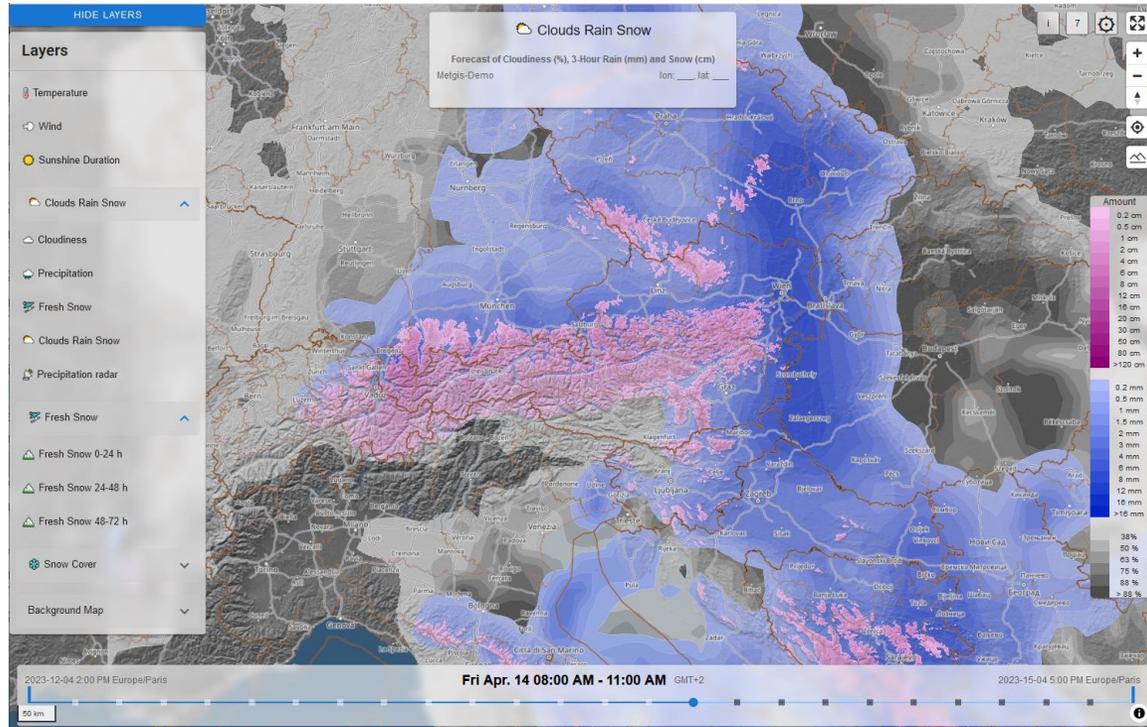


Easy to use for all personnel, no training required

Brand new feature: 3D Visualization!

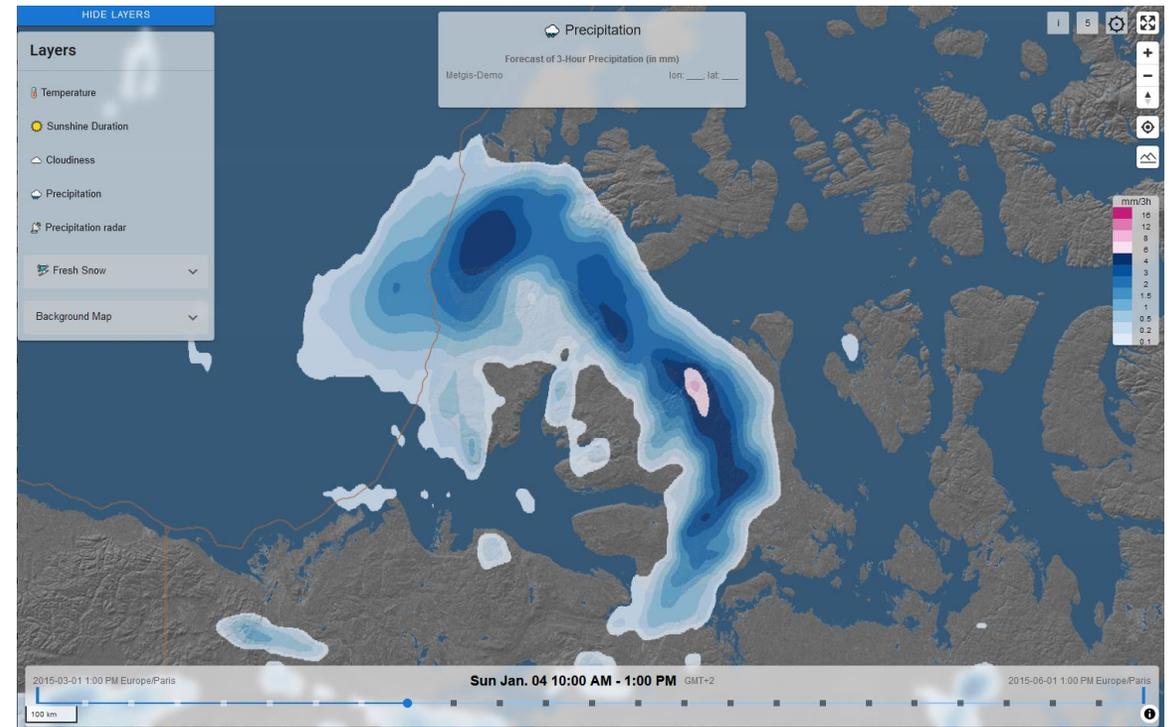


MetGIS Pro+ : all weather at a glance, 24/7 online



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

Available world-wide, even for remote regions



Many different weather parameters



MetGIS Pro+: 10-day forecast chart for all map locations

Daily weather for the next 10 days

Lon 11.7959
 Lat 46.5255
 Alt 2724m

Temperature: 1.9°C
 Rain: 0.8mm/h
 Wind Speed: 2km/h
 Cloud Cover: 49%

feels like 1.9°C
 Snow: 0cm/h
 Wind Direction: XX
 Relative Humidity: 88%

	Temperature		Precipitation		Wind		Sunshine			Rel. Humidity
	max	min	amount	probability	speed	direction	↑	duration	↓	avg %
Tue 11. Oct	2.4 °C	1.2 °C	5.6 mm/d	65 %	3 km/h	NE	07:24	7.7 h	18:33	86 %
Wed 12. Oct	1.4 °C	0.4 °C	2.8 mm/d	100 %	3 km/h	SW	07:25	9.1 h	18:32	89 %
Thu 13. Oct	1.6 °C	0.5 °C	1.7 mm/d	100 %	2 km/h	NW	07:27	8.4 h	18:30	83 %
Fri 14. Oct	0.8 °C	0.7 °C	0.4 mm/d	100 %	4 km/h	N	07:28	7.4 h	18:28	88 %
Sat 15. Oct	1.9 °C	0.2 °C	0.0 mm/d	100 %	6 km/h	SW	07:30	9.3 h	18:26	85 %
Sun 16. Oct	2.7 °C	1.5 °C	0.1 mm/d	95 %	3 km/h	W	07:31	9.1 h	18:24	89 %
Mon 17. Oct	5.3 °C	3.5 °C	0.0 mm/d	95 %	6 km/h	SW	07:32	10.3 h	18:22	72 %
Tue 18. Oct	5.3 °C	4.6 °C	0.0 mm/d	0 %	6 km/h	SW	07:34	10.4 h	18:21	63 %
Wed 19. Oct	6.8 °C	5.4 °C	0.0 mm/d	30 %	4 km/h	NE	07:35	10.1 h	18:19	58 %



Select a day to see the forecast in hourly resolution

Wed 12. Oct

	Temperature	Rain	Wind	Sunshine	Rel. Humidity
	°C	amount	speed direction	duration	%
01:00	0.3 °C	0	6 km/h SW	0	91 %
02:00	0.3 °C	0	6 km/h SW	0	89 %
03:00	0.3 °C	0	5 km/h SW	0	87 %
04:00	0.4 °C	0	6 km/h SW	0	87 %
05:00	0.3 °C	0	5 km/h SW	0	87 %
06:00	0.3 °C	0	5 km/h W	0	86 %
07:00	0.3 °C	0	4 km/h SW	0	88 %
08:00	0.3 °C	0	4 km/h SW	.6 h	88 %
09:00	0.3 °C	0	4 km/h SW	.9 h	89 %
10:00	0.4 °C	0	4 km/h SW	.9 h	88 %
11:00	-1.3 °C	0	5 km/h SW	.9 h	92 %
12:00	0.3 °C	0	6 km/h SW	.8 h	92 %
13:00	0.4 °C	0	6 km/h SW	.6 h	92 %
14:00	0.3 °C	0	5 km/h SW	.5 h	93 %
15:00	0.3 °C	0	4 km/h SW	.5 h	91 %

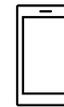
Click on any point of the map for precise 10-day forecasts.



PDF Weather Reports: daily updated in your email inbox



Precise weather report, delivered daily to your email inbox



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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Please visit metgis.com to learn more about our solutions.

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