FROGCAST

Worldwide weather forecast API

Feed your solutions with weather intelligence

ABOUT

Frogcast is a weather forecasting API, based on physical modeling and artificial intelligence. Thanks to an optimal combination of numerical models from different national meteorological agencies, Frogcast provides access to the most accurate forecasts possible for many meteorological parameters at any location around the world. Forecast uncertainties are provided in quantiles, allowing to facilitate decision-making and optimizing risk management.

In regions where weather model coverage and/or resolution is limited, Frogcast can also integrate the very high resolution WRF (Weather Research and Forecasting) model. This model is tailored to improve the representation of local atmospheric phenomena.

BENEFITS

GLOBAL COVERAGE
With a combination of global and regional numerical weather prediction models from the most recognized meteorological services

CONFIDENCE INTERVALS
Quantiles providing information on the uncertainties inherent in the forecast

UNIQUE SOLUTION
An approach based on state-of-the-art technologies, high-resolution meteorological models, satellite and in-situ observations

SIMPLE AND FLEXIBLE DELIVERY MODE
In terms of meteorological parameters, leadtime, time step thanks to an easy-to-use API
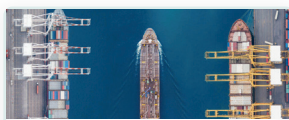
RELEVANT FOR MICROCLIMATE
A bespoke regional model at very high resolution, providing more reliable forecasts in areas where local effects are strong and the number of operational weather models is limited

USE CASES

Agriculture

Transport

Building industry

Insurance

Logistics
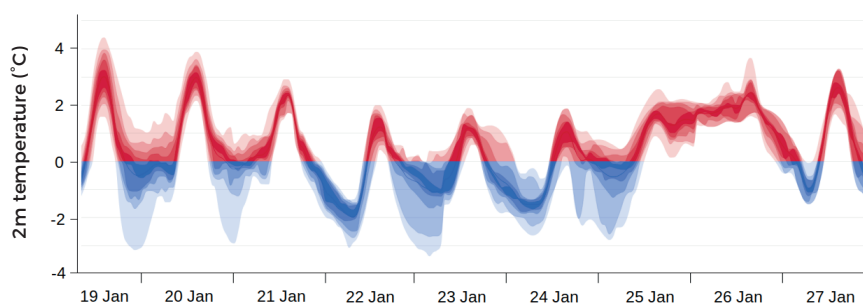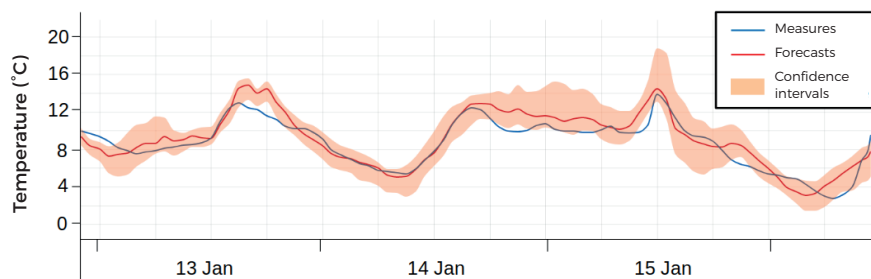
Health

Environment

Security

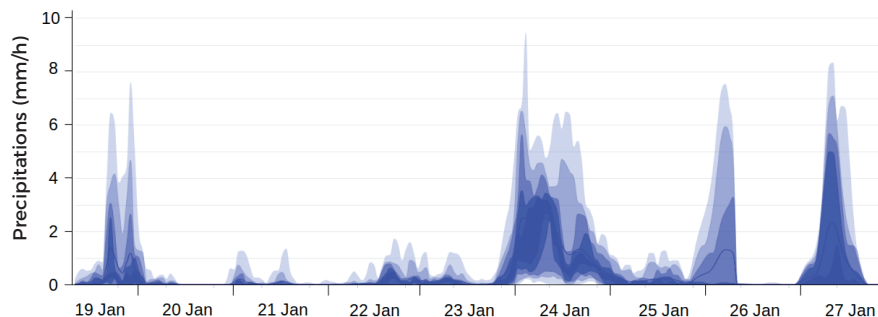## Temperature forecast in Lyon, France

Temperature and uncertainties forecast in Grenoble, France

Precipitation forecast in Thessalonique, Greece

Features

4 to 8 times a day
Update frequency

15 days
Forecast horizon max

1 min
Forecast time step

Up to 1km
Spatial resolution max

API
Data delivery

P10, P20, …, P80, P90
Confidence intervals

Weather Parameters

Humidity

Precipitation

Clouds

Temperature

Radiation

Snow

Wind

Stability

Aerosols

Pressure

Others

Weather Data Sources

20+ world class NWP models

Satellite imagery

In-situ measurements

FROGCAST

18 Allée du Lac Saint André
BP 40328
73370 LE BOURGET DU LAC CEDEX
FRANCE

Contact-Us