

NEWS RELEASE



JWA has released <Weather Data API>

~It is 1km-mesh API, and enables up to 8 weeks prediction~

Japan Weather Association (JWA) is pleased to announce the availability of API for weather data in a format that is more accurate, finer and better suited to the development of analysis and forecasting services. The new API is more accessible than the previous APIs provided by JWA and to the current APIs on the market. The 1km-mesh size granularity and 8-week long forecasting make the data more useful for a wider range of business situations.



In the "eco×logi" project promoted by JWA, we have been working on addressing social challenges through product demand forecasting, food loss reduction, CPFR and other initiatives. With advancement of climate change and frequent erratic weather, it has increasingly become important for advanced service providers, data scientists and analysts to promote innovation by using highly accurate weather data to develop new services.

Through our commitment to developing such services, we are launching the new Weather Data API service to promote the vitalization of weather data utilization in API format.

■ Major characteristics

- JWA's original high-precision prediction services.
- Forecasts can be obtained historical data and up to 8 weeks prediction.
- Data can be provided at a minimum spatial granularity of 1km mesh, which is finer than general prefectural forecasts.

(*There are restrictions on the use of the service.)

- The initial cost is 15,000 yen and the monthly fee is 32,000 yen, which is unusually inexpensive.

■ Recommended users of the service

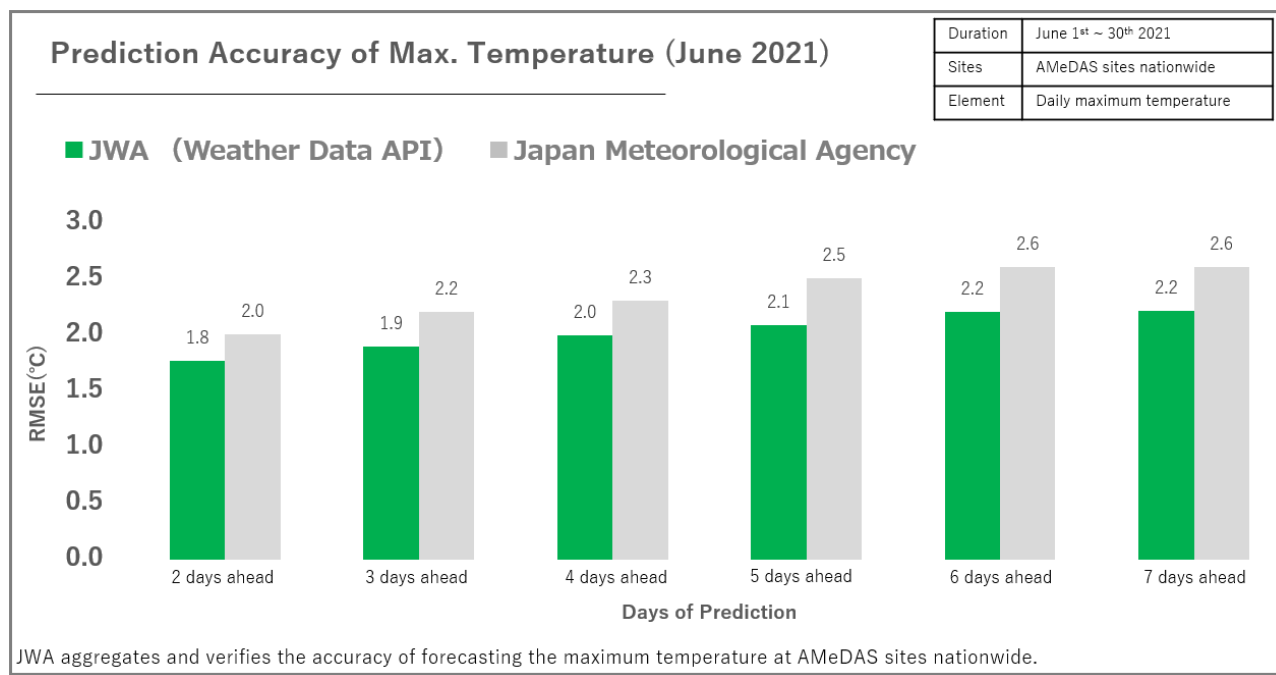
- AI vendors who analyze data and formulate forecast models, etc.
- Data scientists and analysts who acquire weather data and cross it with their forecasting systems to improve the accuracy of demand forecasts.
- Companies that use weather data to optimize transportation, such as MaaS/mobility.
- Marketing and ad-tech solutions providers.



- Vendors who develop websites and applications that use weather data.
- People who aim to develop new services using weather data

■ Service introduction site

https://ecologi-jwa.jp/service/weather_api/ (Japanese only)



Comparison of the accuracy of maximum temperature forecasts

Weather Data API

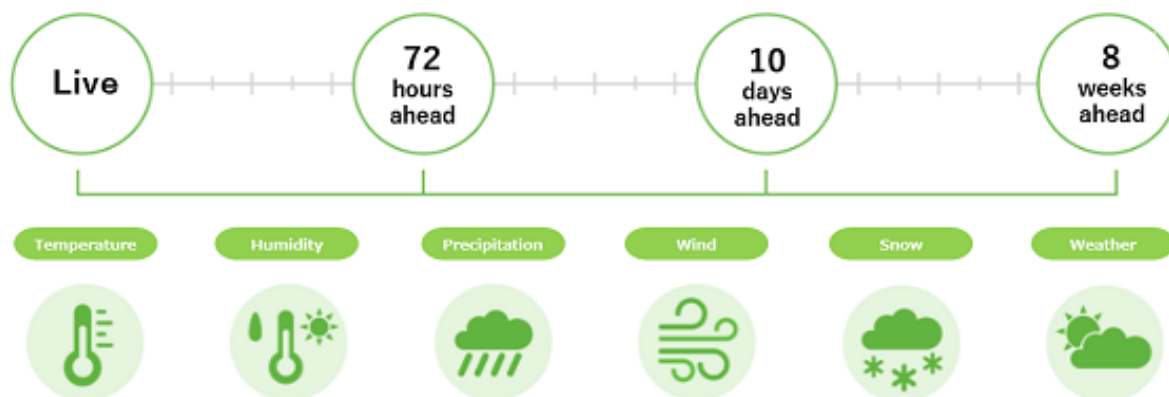
We have started a service that could acquire weather data with API!

- Highly accurate prediction
- Enables up to 8 weeks prediction
- Could be introduced at a low cost
- 1 km mesh data for your request sites
*Limitation on purpose of use

Characteristics of <Weather Data API>



We are able to provide weather data which is **useful to business from live to 8 weeks ahead.**



If you need longer duration of prediction, please feel free to contact us.
*Only temperature will be provided in 8 weeks prediction.

Information provided in <Weather Data API>

	Basic	Premium	Historical data API
Maximum number of API requests included in the plan	Domestic Forecast (hourly/72 hours ahead) API Domestic Forecast (daily/10 days ahead) API	Domestic Forecast (hourly/72 hours ahead) API Domestic Forecast (daily/14 days ahead) API Domestic Forecast (weekly/8 weeks ahead) API	Domestic(hourly) API Domestic (daily) API
	Monthly fee	Monthly fee	Monthly fee
~50,000	¥32,000	¥44,500	¥32,000
~100,000	¥34,000	¥49,000	¥34,000
~500,000	¥50,000	¥85,000	¥50,000
~1,000,000	¥70,000	¥130,000	¥70,000
~2,000,000	¥110,000	¥220,000	¥110,000

Monthly fee plan of < Weather Data API >
*All listed prices are excluding tax.