Weather APIs Comparison

# Open Weather Map

|  |  |
| --- | --- |
| PROS | CONS |
| Free version available | Couldn’t find any, check data/features comparision |
| Wide range of weather data |  |
| JSON / XML data support |  |
| Big community/support |  |

# World weather online

|  |  |
| --- | --- |
| PROS | CONS |
| Code examples in many programming languages | Only Premium pricing |
| HTTP/S requests in formats like XML, JSON and JSON-P | Weather update every 3-4 hours |
| Wide range of weather data |  |
| Complex, friendly docs |  |

# Weather underground

|  |  |
| --- | --- |
| PROS | CONS |
| Wind and humidity support | Only Premium pricing |
| JSON / XML data support | Not user friendly documentation |
| Popular |  |

# Accuweather

|  |  |
| --- | --- |
| PROS | CONS |
| SSL encryption | Only Premium pricing |
| Data available in 40 languages and dialects |  |
| Simple RESTful web interface |  |
| Wide range of weather data |  |

# Dark sky

|  |  |
| --- | --- |
| PROS | CONS |
| Pricing, Free 1000 API calls per day, 1$ per 10,000 API calls after that | Very limited data types |
| Easy to use |  |
| Advanced data |  |
| Weather conditions |  |

Data/features comparison

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Open Weather Map | World Weather Online | Weather Undergound | AccuWeather | Dark Sky |
| Forecast | 16 day/ daily | Not available | 10 day / daily | 15 days / daily | 7 day / daily |
| Historical data | Available | Available | Available | Available | Available, Wide range of data |
| Weather maps | Available | Not available | Not available | Not available | Not available |
| Weather alerts | Available | Not available | Available | Available | Not available |
| Current conditions | Available | Available | Available | Available | Available, Wide range of data |
| Satellite | Available | Not available | Available | Available | Not available |
| Almanac | Not available | Not available | Available | Not available | Not available |
| Astronomy | Not available | Available | Available | Not available | Not available |
| Radar | Not available | Not available | Not available | Available | Not available |

1. Every API is unique, and have a lot of different features. But in my opinion the best API for Liquid Galaxy is AccuWeather API, It has various of different advanced data and features, such as: POI Search, up to 15 days Forecast, Historical data, Alerts, Conditions, Imagery (Radar and satellite images), Tropical and Indices API.
2. Second best Weather API is OpenWeatherMap API. It has a lot of features, and data, even in free version. Only this API has Weather maps available.
3. Third API on the list is Weather Underground API. It has big amount of features and data. It is similar to OpenWeatherMap but it doesn’t have free version.
4. Fourth API on the list is World Weather Online. Like most of APIs it has a lot of features and data, but less primary ones than friends from top 3. It has free version available, however it is very limited.
5. The worst API here is Dark Sky API. It isn’t bad. It contains only Forecast Request and Time Machine Request (Historical data), however this data is very complex. Dark Sky API is useful only with specific needs.

Sources:

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