

OpenWeatherMap API Troubleshooting Guide

401 Error

Caused by: Incorrect API key, user not signed up yet, not waiting long enough after creating an API key, incorrect API request format.

Solutions:

- Check the accuracy of the API key (check for included spaces / punctuation)
- Wait a couple hours for the system to process if the key is new
- Check the format of your API request
- Check your account's API request limits

Slow API Response Times

Caused by: Requesting a large amount of data, API request limit exceeded, network issues, high server load.

Solutions:

- Test a simpler API query to check that the connection is working
- Optimize your request parameters to cut down on payload size
- Upgrade account tier

Incorrect JSON Responses / Missing Fields

Caused by: Incorrect error handling, temporary server issue, API version updated.

Solutions:

- Try request again to check for a potential server issue
- Check [API Documentation](#) to make sure format and usage is correct
- Add more robust error and missing data handling
- Contact the support team if the issue persists

For additional questions, refer to the [full API documentation](#).