***TEST REPORT (***[***https://openweathermap.org***](https://openweathermap.org)***)***

1. **Purpose of the document**

This document explains the activities performed as part of API testing of [***https://openweathermap.org/api***](https://openweathermap.org/api)application.

1. **Testing Scope**

**In Scope:**

API requests available for users with free account without subscribing’s. During testing were perform only functional smoke tests for the following weather data:

* Current weather data for one location
* Current weather data for several cities
* 5 day forecast for one city
* Creating trigger for one parameter (temperature)

1. **Metrics**
2. **No. of test cases planned vs executed – 100%**
3. **No. of test cases passed/failed – 100% passed tests.**
4. **Types of testing performed**

**Smoke Testing**  
This testing was done to make sure the major API functionality are working fine and returns parameters that mentioned in API documentation (<https://openweathermap.org/api>)

1. [**Test Environment & Tools**](https://www.softwaretestinghelp.com/test-bed-test-environment-management-best-practices/)

Application URL - [***https://openweathermap.org***](https://openweathermap.org)

Tool for API testing – Postman ( <https://www.getpostman.com> ).

1. **Exit Criteria**

**a)** All items in checklist should be executed – **Yes**  
**b)** Minimum 95% pass rate of Test Scripts – **Yes**.  
**c)** No open Critical and High severity defects – **Yes***.*