# Introduction

This Test Report contains results of execution the OpenWeatherMap API tests (<https://openweathermap.org/api>). Tests were performed in accordance with the following documents: Checklist.xlsx, Test Plan.docx

Tested items

* Current weather
* Multilingual tests for check current city data
* Current Weather for Several cities
* 5 day / 3 hour forecast
* Weather map layers
* UV Index
* Weather stations
* Weather alerts
* Air pollution
* Other and optional parameters tests

Test Summary

Manual and automation tests created and executed during exploratory testing. Tests were performed in Postman.

**Number of passed vs failed tests:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Feature** | **Tests amount** | **Passed** | **Failed** | **Automated** |
| Current weather | 46 | 37 | 9 | 45 |
| Negative tests for check current city data | 18 | 17 | 1 | 18 |
| Multilingual tests for check current city data | 10 | 10 | 0 | 10 |
| 5 day / 3 hour forecast | 5 | 5 | 0 | 5 |
| Weather map layers | 8 | 8 | 0 | 8 |
| UV Index | 20 | 18 | 2 | 20 |
| Weather stations | 20 | 19 | 1 | 20 |
| Weather alerts | 10 | 7 | 3 | 10 |
| Air pollution | 18 | 14 | 4 | 18 |
| Other and optional parameters tests | 12 | 12 | 0 | 12 |
| **Total:** | **167** | **147** | **20** | **166** |