

## Map Service Status Checker

A Map Service Status Checker application was developed by the Federal Geographic Data Committee (FGDC) that is employed in geodata.gov to provide an indication of the Map Service Availability. A Service Availability icon in the geodata.gov search results indicates the probability that a live map service is up and running and will therefore successfully display in the geodata.gov Map Viewer or other compatible map viewer. The Service Availability icon is analogous to the signal strength indicator on a cell phone. The more blue bars in the icon, the more likely the service is operational.

### Service Availability Icon in the geodata.gov Search Results



### **Status Icons and Meanings**

| Icon  | Status    | Service Availability Score   |
|-------|-----------|------------------------------|
| off   | Excellent | 76-100                       |
| 1     | Good      | 51-75                        |
|       | Not Good  | 26-50                        |
| all . | Bad       | 0-25                         |
| 2     | Unknown   | Insufficient data            |
| ΝŽÅ   | N/A       | Information is not available |

#### Context Menu in geodata.gov Search Results



In the search results, you can place the mouse over the Content Type icon to see a context sensitive menu. One of the menu items, Service Availability, will open the FGDC Map Service Checker Service Analysis Report. The Service Availability report can also be accessed by clicking on a link on the metadata Summary Page. This report provides the detailed diagnostic information that goes into determining a service's availability. Thus, the Map Service Checker is a useful tool for data providers as well as for users of the data.

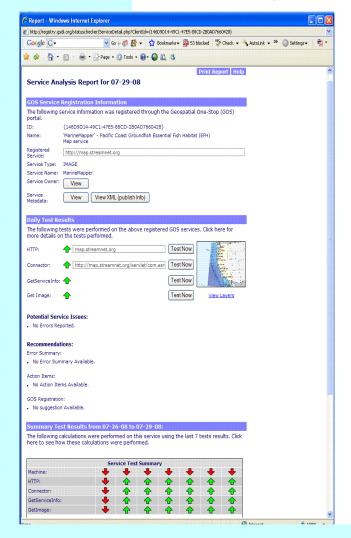
# How Service Availability is Determined

A score is assigned to each live map service in geodata.gov by the FGDC Map Service Checker. The Map Service Checker performs a series of tests on each live map service on a daily basis and records the results. The results of these tests are used to calculate a score consisting of a seven day running average of each service's reliability, and response time. The calculated score is obtained through a request to the Map Service Status Checker web service to request each score then display the appropriate icon in the geodata.gov search results.

The context sensitive menus (available by holding the mouse over the search result content type icon located to the left of the title and text) display a new menu item named "Service Availability". When this menu is selected, a new browser window will open to display a detailed report from the Map Service Status Checker on the respective service.

The detailed results of testing for each live map service and further diagnostics can be reviewed at the FGDC Map Service Status Checker Web site at: <a href="http://registry.gsdi.org/statuschecker/">http://registry.gsdi.org/statuschecker/</a>

#### Map Service Checker Service Analysis Report



So register your Web Map Services in geodata.gov today and use the Map Service Checker to verify that your information correctly enables users to display the map services in Open Geospatial Consortium (OGC) compliant Your publishing map viewers. efforts will help build a stronger National Spatial Data Infrastructure (NSDI)!

