

# Select Extent for Map Service

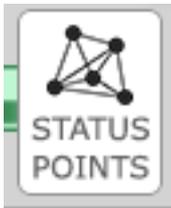
To effectively check a map or image service the GeoSystems monitor must establish a valid map extent (x, y min/max coordinates) that results in the service returning something other than a blank (or white) image. The automated routines that initially establish map or image service monitoring points perform a number of things to try to establish a valid map extent. In most cases it does so successfully.

There are, however, situations where it is unable to do so. In these situations the map or image service in the GeoSystems Monitor will appear to be down (red) and the error column for the point will be set to "NoImage". When this occurs the icon for the Map Service Extent Picker tool can be used.



## EXAMPLE:

1. Click on the **[Status Points]** button for the container that has a down tile map service.



2. Scroll through the list to find the service/point that is down. Click on it to display the settings for the service/point. If the point is a map service, the map service extent picker icon will turn from grey to black.

3. Clicking on the extent picker icon will bring up the Extent Picker panel below. Follow the instructions on the page (make sure to **[Set Extent]** and **[View Monitored Image]**).

USDA\_AGOL\_2

- Public Land Survey System Townships
- USDA Plant Hardiness Zones
- WorldView 2 Imagery - Kauai
- Surface Ownership Parcels (Generalized)
- NAIP 2009 Natural Color, California
- Food Access by Census Tract (USDA ERS)

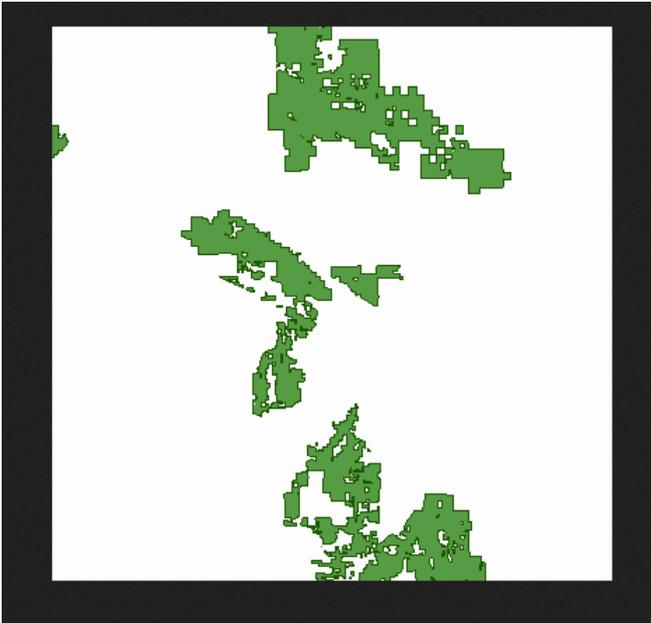
Instructions:

- 1) Use check boxes to show only one map service.
- 2) Move and zoom map until layer is visible.
- 3) Click 'Set Extent' button, then 'View Monitored Image'.
- 4) If image shows features, monitoring point should succeed; otherwise repeat with different zoom.

Set Extent View Monitored Image

When you've clicked **[View Monitored Image]** an image that shows color (like the one below)

should be shown. If no color, go back, **[Reset]** and try again. Once you have color, close out the Extent Picker pane to go back to the status points.



Click on the service/point that is down and then click on **[Run Next Cycle]** to run the check using the selected map extent.

Name	Active	Status	Error	Last Check Time
NAIP 2009 Natural Color, California	Yes	Up	N/A	6/9/2016 3:39:26 PM
USDA_AGOL_2	Yes	Up	LyrCnt:7	6/9/2016 3:59:44 PM
WorldView 2 Imagery - Kauai	Yes	Up	N/A	6/9/2016 3:39:26 PM
BUOW_Imperial_Valley_Soils_Categorized	Yes	Up	N/A	6/9/2016 3:39:27 PM
Surface Ownership Parcels (Generalized)	Yes	Down	NoImage	6/9/2016 3:39:27 PM
Food Access by Census Tract (USDA ERS)	Yes	Up	N/A	6/9/2016 3:39:27 PM

**Surface Ownership Parcels (Generalized) : Map Service**

Service URL:

Up Interval:  minutes    Down Interval:  minutes

Active:     Max checks:

Slow time:     Slow checks:     Proxy:

A pop-up will appear to make sure you want to run next cycle, click **[Ok]**.

**Run Next Cycle**

This point will run on the next engine cycle.

Changes have been saved.

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GeoSystems Monitor Enterprise -> Product Guide v4.1 - 4.2.1 -> Working with Monitoring Points -> Select Extent for Map Service

<http://www.vestra-docs.com/index.php?View=entry&EntryID=378>