Mission Briefing Zika Epidemic

Mission 4

launch_code

August 18th, 2016

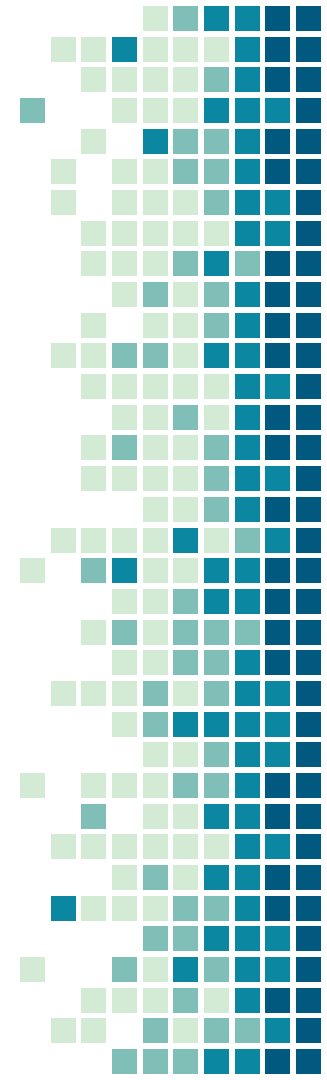This document is for training purposes only.

Background

Public awareness around Zika spurs travel advisories

The Rio Olympics are underway and the media are aggressively reporting the dangers of the Zika virus. "Zika" is now a name known across American households and people are concerned about how the disease may affect them.

The scientists at the CDC want to issue travel advisories warning travelers of areas infected with Zika. Instead of issuing a blanket travel advisory for all of Central and South America, they want to warn people only of affected areas. The scientists have discovered that the disease cannot be transmitted by mosquitoes at certain altitudes. Additionally, air temperature limits the ability of the mosquitoes to transmit the disease.
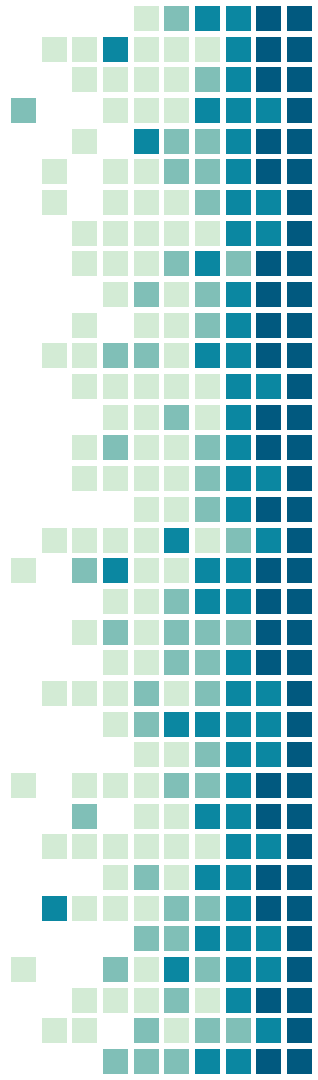
The Problem

CDC scientists need to be able to visualize areas that are "Zika free"

Since scientists know that Zika cannot be transmitted by mosquitoes at certain elevations and air temperatures, they want to make a map showing areas above a certain elevation and with a maximum air temperature that are "Zika Free"
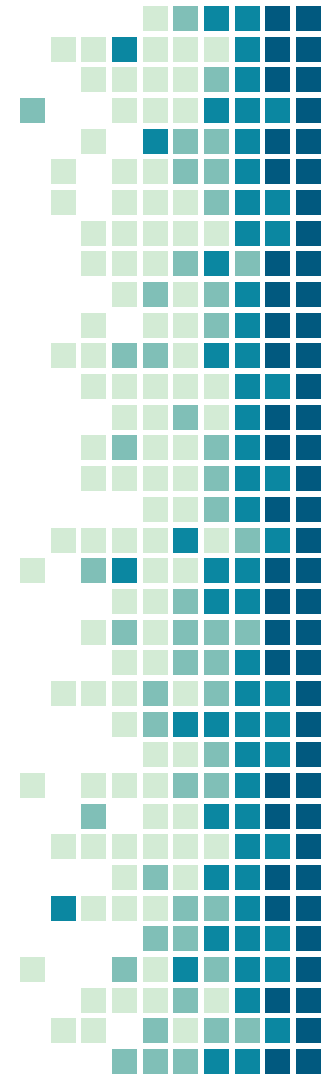
You need to help them develop this data.

Mission Objectives

Integrate your app with GeoServer to show a map displaying "Zika Free" areas.

- Integrate PostGIS into Geoserver and use Geoserver as a WFS for Zika report data.

- Use GeoServer to integrate layers showing air temperature or elevation to help determine the risk of Zika spreading.
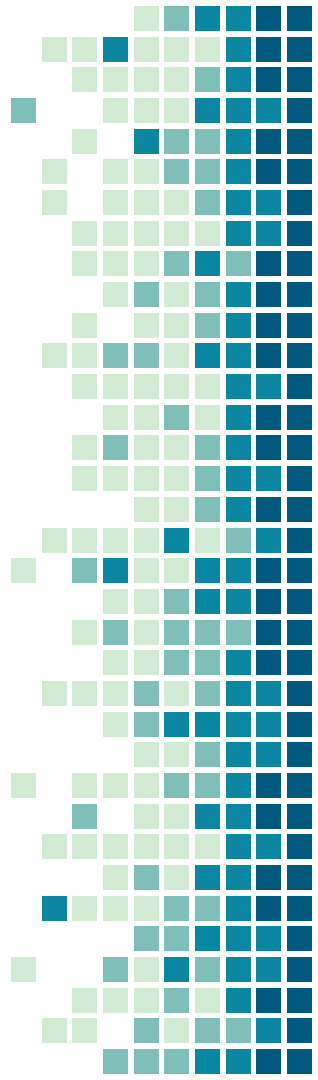
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Priorities

Use GeoServer as an alternative method of viewing Zika data from your application.

Schedule

Monday

- 9:30 Standup – What did you do yesterday? What did you do today? Any roadblocks?

Tuesday

- 9:30 Standup – What did you do yesterday? What did you do today? Any roadblocks?

Wednesday

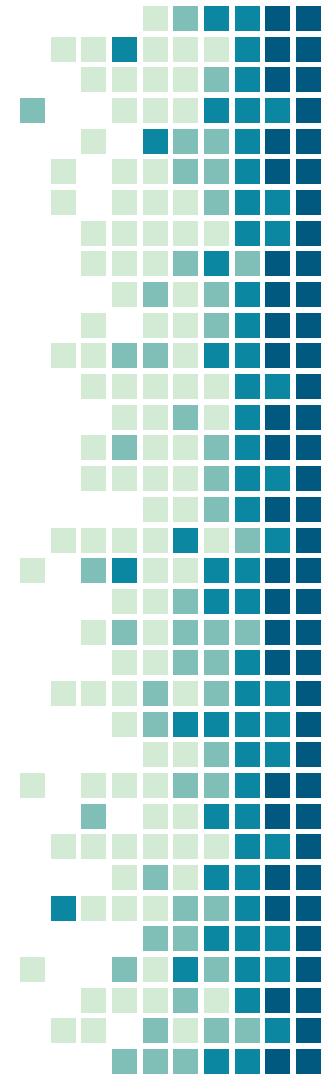- 9:30 Standup – What did you do yesterday? What did you do today? Any roadblocks?

Thursday

- 9:30 Standup – What did you do yesterday? What did you do today? Any roadblocks?

Friday

- 9:30 Standup – What did you do yesterday? What did you do today? Any roadblocks?
- Ship it.

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Questions