

MSDIS Update – March 2025

Updated Data

6" Resolution Statewide Mosaic

The mosaic has been created and published as a dynamic service, but the tile cache is still under construction. While generating the tile cache is always a lengthy process (this one has taken weeks, for example), I am pleased to report that the largest layer (accounting for almost 2 TB of new data) has been completed. My hope is that this indicates the process will be done soon.

MoDOT Quarterly Update

MSDIS has received the latest quarterly update from MoDOT, which now includes the Functional Class layer. These data are currently being prepared for deployment.

MSDIS General News

New Image Server

Deployment of the new image server remains tied to the completion of the 6" statewide mosaic service.

AWS Open Data

I have started taking steps to move our AWS data migration forward. The first order of business is the creation of a YAML-formatted metadata document that will eventually be uploaded via GitHub. Which means the second order of business will be for me to finally learn how to use GitHub. Many of the other initial steps are either already completed (such as creating examples of the data in-use) or in various stages of completion (such as an explanation of our data organization).

MSDIS/OGI Funding MOA

The funding discussion between MSDIS and the Office of Geospatial Information continues. I believe the current draft of the agreement is now in the hands of OGI's legal team.

GEOG 1800

I'd like to thank everyone who volunteered their time to speak with my GEOG 1800 class. This semester, we were joined by Robby Howe, Dan Rose, Katilin Belk, Tony Spicci, and Matt Smith. As with past years, I cannot emphasize how important it is for students to hear directly from geospatial professionals.

Donate Directly to MSDIS

As a reminder, if you or your company would like to help support end-of-year awards for my undergraduate interns, the [MSDIS Excellence Fund](#), is open to the public and able to accept donations. As MSDIS' place in the world continues to rapidly expand and my attention is pulled in several different directions, my cadre of students are being asked to do more and more complex work.

MSDIS Downtime

No downtime was reported during March 2025.

Current Tasking and Utilization

Tom

- 6" resolution statewide imagery service preparation
 - Separate 6" resolution north and south imagery services
- GEOG 1800 (semester ends early May)
- MOGIS Conference prep (Metadata workshop, Educator workshop, MSDIS Update, and SensD presentation)
- MSDIS/OGI contract negotiations
- AWS data migration
- Cassville R-IV school district map

Brennan

- Missouri Accommodations and Food Services Story Map

Rachel

- MoDOT Quarterly Update preparation and deployment