

MSDIS Update – April-May 2026

New Data

- MSDIS has been contacted by Jeremy Tanz of the SEMO RPC about sharing new imagery of Perry County. To date, I have successfully transferred the SID area mosaics onto MSDIS storage but still need to move the original TIF files over. Once the transfer is complete, the resulting image service will be deployed to <https://imagery.msdis.missouri.edu/arcgis/rest/>

Updated Data

- MSDIS did not receive any updated data during this reporting period.

MSDIS General News

Monthly Update Format Change

As of this month, I am changing the format of the monthly MSDIS updates. In the past, I made every effort to ensure that each update covered only the events of the month noted by the title of the report. As MSDIS continues to expand and becomes increasingly busy, it is difficult to keep our updates so neatly organized. Starting with this report, I will now document all relevant MSDIS events from the writing of the last report up to the writing of the new report. If, for some reason, this new format proves to be untenable, I will revert to the previous format.

Server Replacement and Migration

All three of the primary 11.5 servers are deployed:

11.5 Statewide Imagery Server - <https://stateimagery.msdis.missouri.edu/arcgis/rest/services>

11.5 LiDAR Server – <https://lidar.msdis.missouri.edu/arcgis/rest/>

11.5 Imagery Server – <https://lidar.msdis.missouri.edu/arcgis/rest/>

The DNS migration to the 11.5 statewide imagery server resulted in roughly 15-30 minutes of downtime on the evening of 30 April 2026. This interruption was primarily due to the time needed for the Web Adaptor on the new server to correctly resolve. I have not received any complaints or concerns about the new server, though I am continuing to monitor its performance.

Deployment of the 11.5 Development Server remains pending.

MSDIS Web Presence and Digital Accessibility

Despite the one-year delay of the digital accessibility deadline, MSDIS continues working with the University of Missouri Office of Accessibility to build a more accessible clearinghouse. Katilin Belk has taken the lead in this effort, and I have authorized her participation in campus-wide accessibility working groups. This is an excellent opportunity for MSDIS to take the lead in an important new facet of data sharing.

State Training

MSDIS hosted Introduction to ArcGIS Pro courses on 22 April 2026 and again on 06 May 2026. DNR employees continue to represent the overwhelming majority of attendees, though I was pleased to see

several other departments included in our most recent rosters, with DHSS being a notable source of registrations for the 06 May course.

Demand for the courses remains high. According to OGI, the 06 May course reached capacity in 18 minutes. As a result, I have directed Katilin Belk to increase her focus on increasing the frequency of these training courses to two per month, and on developing more courses to offer.

We are also laying the groundwork to offer training courses to other audiences. An Introduction to ArcGIS Pro course is currently being scheduled for University of Missouri faculty, staff, and students. We met with the Office of Extension on 11 May 2026 to discuss options for hosting courses for regional, city, and local GIS employees. At that same meeting, we discussed the feasibility of offering Continuing Education Credits upon completion of MSDIS training courses.

The next training course is scheduled for 27 May 2026 and will be the debut of our Introduction to Spatial Analysis course. Introduction to ArcGIS Pro will be offered again on 09 June 2026.

Endings and Beginnings

As the Spring 2026 semester ends, it is finally time to say goodbye to several important members of the MSDIS team. Brennan Meyerhoff, Rachel Riley, and Peyton Smith have finished their time at Mizzou and will be moving on to bigger and better things.

Brennan has completed his master's thesis and is joining the MoDOT Design Team as a GIS Specialist. My hope is that this means MSDIS will be able to continue working with Brennan as a colleague, but I am excited to hear about whatever he gets up to in his new career.

Rachel is graduating and moving on to work for Burns & McDonnell as an Assistant GIS Specialist. You can read all about her university career in a recent interview with Show Me Mizzou:

<https://showme.missouri.edu/2026/geography-graduate-routes-a-path-home/>

Peyton, who will be sticking around for a little longer, has earned a well-deserved spot as a graduate student at Auburn University. Once she settles into her new home, she will be applying geospatial research methods to the management of indigenous data and 3D digital heritage.

All three of our departing students will be dearly missed. Their contributions to the success of MSDIS may not have been obvious to those of you on the outside, but I can assure you that the clearinghouse would not be where it is today without their efforts.

Additionally, Simon King will be ending his time with MSDIS to seek out other internship opportunities on campus. While I understand and respect his (very wise) decision to secure more diverse student work experiences while he can, rest assured that I will absolutely try to lure him back to the clearinghouse at the first opportunity.

Casey Hagedorn, who joined the MSDIS team in the Fall 2025 semester, will not only be rejoining us next year, but has agreed to stick around and help during the summer. Casey has been a terrific addition to the team, and I am delighted that he'll remain with us as we continue to expand.

I am also very pleased to announce that, as of right now, the MSDIS team will add graduate student Rikki Ascani, and undergraduates Andrew Hantak and Kaitlyn Laurentius to the Fall 2026 roster. I am incredibly excited to work with this new cohort of future geospatial leaders.

MAGIC

Katilin Belk was dispatched to represent MSDIS at the Mid America GIS Consortium Annual Meeting. I have heard nothing but good things about the conference, and I'm sorry I couldn't attend this year, but I'm glad that it went well.

Reference Maps

The first round of school district reference maps has been circulated for review. We are currently giving recipients time to offer feedback and request changes.

MSDIS Downtime

There may have been a brief outage of some services on the morning of 15 April 2026. I received an automatic email from DoIT at 8:10 AM indicating a data center hardware failure. There was no indication that MSDIS was hindered by the failure, though some services were slower to load than I would have otherwise anticipated.

There was a brief outage of both the msdis.missouri.edu website and the MSDIS data archive during the morning of 28 April 2026. This was caused by a lapsed certificate. I have no record of when the outage occurred but can confirm that all services were fully restored by 11:39 AM.

MSDIS Traffic

I am, once again, pausing the traffic report. I don't doubt the numbers I reported last month, but I don't like not fully understanding how they are calculated and I don't want to advertise numbers just for the sake of filling this section.

As I go back to the drawing board, I will look at a wider variety of options for solving this problem.

Donate To MSDIS

Anyone wishing to directly support MSDIS can still donate to the [MSDIS Excellence Fund](#).

As a reminder, I would like to thank both Aaron Addison and Arthur Crawford for their generous donations to the fund.