

# MSDIS Update – May 2024

## Updated Data

- [Boone County 2023 1m Tree Canopy Imagery Service](#)

## MSDIS General News

Taking advantage of the glorious downtime afforded by the end of the semester, I have begun carefully reviewing the usage statistics (as reported via ArcGIS Server Manager) of our various imagery services. In particular, my interest is directed at some of our older, more topic-specific services, such as the historic St Louis data, the oldest NAIP imagery, and several of the emergency management projects. While I would love to be able to always keep all these services active, the fact of the matter is that there are a lot of imagery services that get little to no use. As such, I started taking some of these older services offline throughout the month of May. This includes all NAIP imagery prior to 2010, all St Louis imagery prior to 2022, and all emergency management imagery other than the 3-inch resolution Joplin service. Because I have an impeccable sense of timing, I was almost immediately contacted about the loss of the 2019 Jefferson City tornado imagery, which was of particular interest to several entities given that May 2024 happened to be the five-year anniversary of the event. That service was turned back on and remains active. As of the writing of this update, I have not received any complaints or concerns about the loss of the other services.

In addition to server cleanup, I have added the first four months of imagery server logs to the [MSDIS Data Archive](#). These are the same raw server logs that I had previously used to create the monthly usage reports before we migrated to the new imagery server.

## MSDIS Downtime

A representative from MoDOT reported a slowdown in the NAIP 2022 imagery service at 2:55PM on Thursday, 23 May 2024. On investigating the service, I was able to replicate the interruption. In lieu of my usual method of restarting the whole server, I attempted a more surgical fix by restarting just the NAIP 2022 service via ArcGIS Server Manager. This workflow appeared to resolve the issue, as confirmed by MoDOT.

## Image Server Statistics

Since the replacement of the MSDIS Image Server, we have struggled to find a software to provide a comprehensive breakdown of server and service usage. We had hoped that the statistics pulled directly from ArcGIS Server Manager would be a suitable substitute, but the very bare-bones records were significantly less than what we wanted.

Moving forward, we will no longer publish these numbers in our monthly reports. We will remain on the lookout for a reliable option for parsing the server usage in the hope that we can publish these numbers again. The raw server logs are still being saved if anyone requires them. Should anyone need a rough estimate of usage for certain specific services, we are more than happy to run those numbers via Server Manager.