

MSDIS Update – September 2023

Updated Data

MSDIS did not receive any vector data updates in September. We are collaborating with the Office of Geospatial Information to establish a better workflow for sharing updated datasets to the clearinghouse. As with all new processes, there have been some bumps in the road. Once this process is sorted out, though, we are confident that the data shared out from MSDIS will more closely match the original copies held by OGI.

New LiDAR Data

- Boone County 2022

MSDIS has received the new (and exceedingly cool) QLO LiDAR for Boone County. We are in the process of preparing the data for deployment, but the rollout has been delayed by an unusually high number of meetings for an otherwise nondescript September and several district mapping requests.

MSDIS General News

We were really pleased to visit our friends in Cape Girardeau for the 2023 Southeast Missouri GIS Symposium. It was great to catch up with old acquaintances and get some face-to-face time with so many people we have only ever interacted with via Zoom and email. We also really enjoyed getting a chance to hear about some of the awesome work going on in SEMO.

While we did not get to attend in-person (it turns out that getting to South Dakota is unexpectedly expensive), we did attend the 2023 MAGIC Clearinghouse Summit via Zoom. For those unaware, the Clearinghouse Summit is an opportunity for the GIS clearinghouse managers from the MAGIC states to get together to share notes, bounce ideas off one another, discuss emerging concerns, and plan for the future. Even though we were only there as a face on a screen, it was (as it always is) awesome to see everyone, hear about their successes, and share some stories of the progress being made in Missouri.

MSDIS Downtime

No downtime was reported during September 2023, however there was an Imagery Server disruption on 02 October 2023. We received an email from our colleagues at MoDOT at 2:18 PM that image services were unresponsive. On investigation, we were able to confirm the problem and restarted the server. On restart, services were still offline and the server itself appeared to be unreachable. After more digging, it seemed as though the server had somehow lost its URL binding and, while still technically accessible, was only operational by using the server's name as the host address. We re-entered the administrative password into both ArcGIS Server Administrator and the ArcGIS Server Web Adaptor in an effort to re-establish the proper bindings. After several extremely panicked minutes of waiting, both the server and its services began functioning as intended.

We have enlisted the aid of the Mizzou Division of IT to investigate possible causes for this outage. At this point, we are told that no changes were made to the server before the outage and that they saw no administrative warnings. We have made notes on the situation and continue to investigate on our own.

MSDIS September 2023 Server Stats

MONTH	TOTAL SERVER REQUESTS
January	3,033,195
February	2,522,952
March	2,957,117
April	3,237,572
May	2,927,225
June	3,037,773
July	2,873,391
August	3,483,141
September	2,926,383
October	-
November	-
December	-
2023 Total	26,998,367