

MSDIS Update – June 2024

Updated Data

- LiDAR.
- So much LiDAR.
- Half a state worth of LiDAR.
- See below for more details.

MSDIS General News

My primary goal during the months of May and June have been to make sense of the current LiDAR collection. To that end, and with help from Katie Phibrick, I have begun parsing through what new data have been delivered to MSDIS, what new county mosaics have been delivered to MSDIS, and how both of those things compare to data already available to/from MSDIS.

As I am writing this report (literally, it's going in the background) I have begun moving new county LiDAR mosaics onto the MSDIS Downloads server. These mosaics will be added to the MSDIS Download Tool, either as a completely new download (for counties that do not currently have a mosaic) or as a replacement download (for counties that did already have a mosaic).

I mentioned previously that this would be a slow process and that remains true. I have no estimate for when the rollout of the new files will be completed. At the moment, I have around 60 new mosaics to add to circulation and I have not finished reviewing everything available on the new LiDAR hard drive.

With the above being said, much of the data that I have recently received does duplicate previous collections. For example, the large drive that I received some months ago with several LiDAR projects included is mostly (though not entirely) repeats of data that are already available as services on the MSDIS Image Server. In these cases, the drive appears to do a better job of organizing these projects, and seems to universally include more supporting files. I am currently plotting and planning how best to integrate these alternate versions into the MSDIS collection without upsetting any existing services.

MSDIS Downtime

No downtime was reported during May 2024.

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.