

MSDIS Update – December 2022

Updated Data

- MO Dialysis Centers
- MO Adult Daycare
- MO Ambulatory Surgical Centers
- MO Rural Health Clinics
- MO Long Term Care Facilities
- MO Licensed Pharmacies
- MO Hospitals
- MO Local Public Health Agencies
- MO Local Public Health Agency Districts

MSDIS General News

MSDIS has accepted delivery of the 2022 MidAmerica Regional Council aerial photos and is in the process of preparing them for deployment. These photos will be added to the existing 2022 Missouri Statewide imagery mosaic in order to create a complete mosaic of the southern half of Missouri.

In addition to the 2022 MARC photos, MSDIS has also received a copy of the 2020 St Louis Imagery Consortium aerial photos. For those who are not already aware, the St Louis Imagery Consortium typically flies new aerial photos every two years. When a new set of aerials is collected, the Consortium graciously provides a copy of the previous dataset to MSDIS. These data have been copied to the MSDIS storage drive and, like the 2022 MARC imagery, are being prepped for deployment.

At this point, faithful reader, you might be wondering why so many new datasets are stuck in deployment. That's a great question. In one of life's great cosmic coincidences, all these new data were received at roughly the same time, which doesn't normally happen with major imagery projects. These collections are very large, so it takes more time to copy them to our server than most of our other datasets. In addition to overlapping timelines, we spent the overwhelming majority of December remapping all our imagery service mosaics in expectation of Mizzou IT consolidating computing domains. This is not the first time we've had to do this and it likely won't be the last, but it is an exceedingly time-consuming process when you maintain as many imagery services as MSDIS does. As far as we know, though, all imagery our services have been successfully remapped and should be ready for the domain changeover.

Our final bit of major news for December, MSDIS did successfully retire the MSDIS Web Server in December. Before the server was retired, our colleagues at DoIT were kind enough to relocate both the MSDIS website, the MSDIS Data Library, and the Lewis and Clark website over to the MSDIS Imagery server. Major aspects of the MSDIS website, such as the Missouri GIS Jobs page, have been recreated on the MSDIS Hub Site. At present, the only major service missing from the MSDIS ArcGIS Online account is the statewide Missouri LiDAR DEM service. This service was incredibly old and incredibly slow, so we made the command decision to let it die with the MSDIS Web Server. We understand the value that the service held, however, and are working towards developing a replacement.

MSDIS Downtime

No outages were reported during December 2022, however there was a brief time during the migration of both the MSDIS website and the MSDIS Data Library where both sites were unavailable.

MSDIS December 2022 Server Stats

As is so often the case with these major operations, while we managed to preserve most of the really important parts of the MSDIS Web Server, we forgot something. In this case, that something was the software that we have used every month for the five six years to process our server logs. As we look for a replacement software package, we ask for your patience and that you take our word for it that, yes, people are using the MSDIS services.