

# MSDIS Update – January 2020

## New and Updated Data

- 2019 Emergency Reference Markers (December Update)
- 2019 Missouri Rest Areas (December Update)
- 2019 MoDOT Commuter Lots (December Update)
- 2019 MoDOT Roads Arcs (December Update)
- 2019 MoDOT Roads Routes (December Update)
- 2020 Public Schools

## MSDIS General News

MSDIS is very pleased to announce the official start of its independent study program and welcomes Mizzou undergrads Griffin Johnson and Abby Hunt to the team. Both Griffin and Abby are Mizzou geography majors who will be helping MSDIS complete various and sundry mapping requests and side projects this semester.

MSDIS is also happy to welcome graduate student Alex Ringling into the independent study program. Alex will begin her work with MSDIS becoming more familiar with QGIS in order to complete her Master's thesis, after which she will transition to helping with map requests.

In preparation for Census 2020, MSDIS, in cooperation with MCDC, has deployed a new story map, describing some of the programs and services that are allotted federal funding based on census-derived information. A link to the **Missouri and Census 2020** story map can be found in the **MSDIS Mapping Application and Story Map Gallery** section of the MSDIS Open Data page.

## MSDIS Downtime

No outages were reported during January 2020, however, we have received two reports that LiDAR DEM downloads from the Missouri Map/LiDAR download tools do not retrieve the correct files. This problem is almost certainly a side effect of the migration from ftp to Box last year. Given how many individual LiDAR files that MSDIS and WashU now store, it was almost a certainty that such file mismatches would occur, so this is not an unanticipated problem. MSDIS and WashU are working to decide the best course of action moving forward. In the interim, all of the files that are available through the download tools are still stored on MSDIS and WashU servers, so nothing has been lost and requests for mismatched files can still be completed through email.

## Listserv Subscriptions

- KCAIUG - 194
- MGISAC – 191
- MISSOURIMAPPERSASSOC - 39
- MOGISCON – 976
- MOGIS\_ADVISORY\_COUNCIL - 29
- MSDIS News – 186
- STLGIS – 386

## **MSDIS Data Wish List**

While MSDIS is always happy to distribute any new data, based on requests from our users, GRC map requests, and the overall state of the data catalog, acquisition of new or updated versions of the following datasets are of particular interest:

Missouri School Districts (latest Missouri version: 2013, latest TIGER/Line version: 2018)

Missouri Voting Districts (latest version: 2010)

Missouri Contour Lines (no previous version)

Missouri Higher Education Facilities (previous Missouri version: 2010)

Missouri Library Districts (previous version: 2013)

Missouri Enhanced Enterprise Zones (previous version: 2012)

Missouri Fire Protection Districts (no previous version)

## Image Server January 2020 Usage Stats

### Hits by Month

Month	Hits	Page views	Visitors
Sept-19	3646012	3640711	34208
Oct-19	7926110	7921363	35212
Nov-19	3372185	3367077	34385
Dec-19	3558581	3554475	17708
Jan-20	4222632	4215206	20082

### Top Ten Hits by City

City	Hits	Hits (%)	Page views
United States/MO/Jefferson City	1268194	30	1263424
United States/MO/Lohman	477589	11.3	477526
United States/(unknown city)	408089	9.7	407954
United States/MO/Saint Louis	255933	6.1	255847
(unknown country)/(unknown city)	168960	4	168621
United States/CO/Fort Collins	122091	2.9	122079
United States/CO/Silt	93752	2.2	93752
United States/DC/Washington	90372	2.1	90368
United States/IL/Winchester	72594	1.7	72594
United States/MO/Springfield	70128	1.7	70036

### Top Ten Hits by Referrer

Referrer	Hits	Hits (%)	Page views
(no referrer)	1859803	44	1858485
<a href="https://semorpc.maps.arcgis.com/">https://semorpc.maps.arcgis.com/</a>	525420	12.4	525420
<a href="http://traveler.modot.mo.gov/">http://traveler.modot.mo.gov/</a>	283898	6.7	283898
<a href="http://tmsmaps/">http://tmsmaps/</a>	207818	4.9	207818
<a href="https://www.arcgis.com/">https://www.arcgis.com/</a>	173579	4.1	173579
<a href="https://mms.modot.mo.gov/">https://mms.modot.mo.gov/</a>	111286	2.6	111286
<a href="http://batesgis.integritygis.com/">http://batesgis.integritygis.com/</a>	108486	2.6	108486
<a href="https://msdis.maps.arcgis.com/">https://msdis.maps.arcgis.com/</a>	103770	2.5	103770
<a href="https://apps5.mo.gov/">https://apps5.mo.gov/</a>	81766	1.9	77185
<a href="http://vernongis.integritygis.com/">http://vernongis.integritygis.com/</a>	62240	1.5	62240

## Map Server January 2020 Usage Stats

### Hits by Month

Month	Hits	Page views	Visitors
Sept-19	370928	364591	63006
Oct-19	476142	472193	4933
Nov-19	334212	331535	4143
Dec-19	333326	331520	2474
Jan-20	365742	363366	2698

### Top Ten Hits by City

City	Hits	Hits (%)	Page views
United States/FL/Brandon	80458	22	80456
United States/(unknown city)	28573	7.8	28441
United States/MO/Saint Louis	19711	5.4	19594
United States/MO/Columbia	16241	4.4	16091
United States/NJ/Mount Laurel	12747	3.5	12734
United States/NJ/Woodbridge	12580	3.4	12579
(unknown country)/(unknown city)	11742	3.2	11546
United States/VT/Waterbury	9659	2.6	9659
United States/MO/Jefferson City	8813	2.4	8642
United States/IL/Sheridan	7316	2	7316

### Top Ten Hits by Referrer

Referrer	Hits	Hits (%)	Page views
(no referrer)	183665	50.2	183013
<a href="https://msdis.maps.arcgis.com/">https://msdis.maps.arcgis.com/</a>	92741	25.4	92741
<a href="https://semorpc.maps.arcgis.com/">https://semorpc.maps.arcgis.com/</a>	31935	8.7	31935
<a href="https://www.arcgis.com/">https://www.arcgis.com/</a>	18019	4.9	18019
<a href="https://tcad.rapiddeployuat.com/">https://tcad.rapiddeployuat.com/</a>	6179	1.7	6179
<a href="https://data-msdis.opendata.arcgis.com/">https://data-msdis.opendata.arcgis.com/</a>	5268	1.4	5268
<a href="https://mdcgis.maps.arcgis.com/">https://mdcgis.maps.arcgis.com/</a>	4147	1.1	4147
<a href="http://msdisweb.missouri.edu/">http://msdisweb.missouri.edu/</a>	3717	1	2241
<a href="http://www.arcgis.com/">http://www.arcgis.com/</a>	3267	0.9	3267
<a href="https://moaa.maps.arcgis.com/">https://moaa.maps.arcgis.com/</a>	3264	0.9	3264

## MSDIS Data Archive January 2020 Usage Stats

### Hits by Month

Month	Hits	Page views	Visitors
Sept-19	44193	42598	2590
Oct-19	51296	49655	5552
Nov-19	29648	28197	5948
Dec-19	32097	30764	2769
Jan-20	26028	24119	1819

### Top Ten Hits by City

City	Hits	Hits (%)	Page views
United States/CA/Mountain View	4244	16.3	4132
(unknown country)/(unknown city)	3556	13.7	3401
Ukraine/(unknown city)	2921	11.2	2919
United States/CA/Palo Alto	2510	9.6	2510
United States/MO/Columbia	2347	9	2181
United States/MO/Saint Louis	1646	6.3	1415
United States/NJ/Woodbridge	1279	4.9	1271
United States/(unknown city)	1071	4.1	882
Japan/(unknown city)	888	3.4	888
United States/IN/Indianapolis	265	1	207

### Top Ten Hits by Referrer

Referrer	Hits	Hits (%)	Page views
(no referrer)	18122	69.6	17381
<a href="http://msdis-archive.missouri.edu/">http://msdis-archive.missouri.edu/</a>	6546	25.1	5379
<a href="http://www.msdis.missouri.edu/">http://www.msdis.missouri.edu/</a>	805	3.1	805
<a href="http://msdis.missouri.edu/">http://msdis.missouri.edu/</a>	458	1.8	458
<a href="https://www.google.com/">https://www.google.com/</a>	54	0.2	54
<a href="http://data-msdis.opendata.arcgis.com/">http://data-msdis.opendata.arcgis.com/</a>	13	0	13
<a href="http://progressive-seo.com">http://progressive-seo.com</a>	12	0	12
<a href="http://lewisclark.geog.missouri.edu/">http://lewisclark.geog.missouri.edu/</a>	7	0	7
<a href="android-app://com.google.android.gm">android-app://com.google.android.gm</a>	3	0	3
<a href="http://msdis.missouri.edu">http://msdis.missouri.edu</a>	3	0	3